

NATIONAL AND INTERNATIONAL PUBLICATIONS
OF MUHAMMAD AZIM KHAN

IMPACT FACTOR PUBLICATIONS

2006

1. **Muhammad Azim Khan** and K.B. Marwat. 2006. Impact of crop and weed densities on competition between wheat and *Silybum marianum*. *Pakistan Journal of Botany* 38 (4):1205-1215.

2007

2. K.B. Marwat and **Muhammad Azim Khan**. 2007. Climatic variation and growth of Holy Thistle (*Silybum marianum* Gaertn.). *Pakistan Journal of Botany* 39 (2): 319-327.
3. Marwat, K.B., M. Arif and **Muhammad Azim Khan**. 2007. Effect of tillage and Zn application methods on weeds and yield of maize. *Pakistan Journal of Botany* 39(5): 1583-1591.

2008

4. Arif, M., M.T. Jan, K.B. Marwat and **Muhammad Azim Khan**. 2008. Seed priming improves emergence and yield of soybean. *Pakistan Journal of Botany* 40(3): 1169-1177.
5. K.B. Marwat, **Muhammad Azim Khan**, A. Nawaz and A. Amin. 2008. *Parthenium hysterophorus* L.: A potential source of bioherbicide. *Pakistan Journal of Botany* 40 (5): 1933-1942.

2009

6. **Muhammad Azim Khan**, R.E. Blackshaw and K.B. Marwat. 2009. Biology of Milk thistle and management options for growers in northwest Pakistan. *Weed Biology and Management* 9(2): 99-105.
7. Khan, N.U., G. Hassan, M. B. Kumbhar, K. B. Marwat, **Muhammad Azim Khan**, A. Parveen, Umm-e-Aiman and M. Saeed. 2009. Combining ability analysis to identify suitable parents for heterosis in seed cotton yield, its components and lint % in upland cotton. *Industrial Crops and Products* 29: 108-115.
8. Bakhtiar Gul, K. B. Marwat, G. Hassan, **Muhammad Azim Khan**, S. Hashim and I.A. Khan. 2009. Impact of tillage, plant population and mulches on biological yield of maize. *Pakistan Journal of Botany* 41 (5): 2243-2249.

2010

9. M. Saeed, K.B. Marwat, G. Hassan, **Muhammad Azim Khan** and I.A. Khan. 2010. Interference of horse purslane (*Trianthema portulacastrum* L) with maize (*Zea mays* L.) at different densities. *Pakistan Journal of Botany*. 42(1): 173-179.
10. Mohammad Arfan, Hazrat Amin, Inamullah Khan, **Muhammad Azim Khan**, Nasiera Karim, and Fazal-ur-Rehman. 2010. Analgesic and antiinflammatory activity of 11-O-gallobergenin. *Journal of Ethnopharmacology* 131(2): 502-504.
11. Khalid Usman, S. K. Khalil, A. Z. Khan, I. H. Khalil and **Muhammad Azim Khan**. 2010. Tillage and herbicides impact on weed control and wheat yield under rice-wheat cropping system. *Soil and Tillage Research*. 110 (1): 101-107.

2011

12. K.B. Marwat, **Muhammad Azim Khan**, S. Hashim, K. Nawab and A.M. Khattak. 2011. Integrated weed management in wheat. *Pakistan Journal of Botany* 43(1): 625-633.
13. A. M. Khattak, S. Pearson, **Muhammad Azim Khan**, K. Nawab and K. B. Marwat. 2011. The effects of light quality and temperature on the growth and development of geraniums. *Pakistan Journal of Botany* 43(1): 679-688.
14. Khalid Nawab, Amanullah, Paigham Shah, Abdur Rab, Muhammad Arif, **Muhammad Azim Khan**, A. Mateen and F. Munsif. 2011. Impact of integrated nutrient management on growth and grain yield of wheat under irrigated cropping system. *Pakistan Journal of Botany* 43(4): 1943-1947.
15. Khalid Nawab, Amanullah, Muhammad Arif, Paigham Shah, Abdur Rab, **Muhammad**

Azim Khan, M. Anwar Khan and Khalid Khan. 2011. Effect of FYM, potassium and zinc on phenology and grain yield of wheat in rainfed cropping systems. **Pakistan Journal of Botany**, 43(5): 2391-2396.

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16. **Muhammad Azim Khan**, K. B. Marwat, A. Amin, A. Nawaz and H. Khan. 2012. Soil solarization: an organic weed management approach in cauliflower. **Communications in Soil Science and Plant Analysis**. 43 (13): 1847-1860.
17. Haroon Khan, K.B. Marwat, G. Hassan and **Muhamad Azim Khan**. 2012. Chemical control of *Parthenium hysterophorus* at different growth stages in non-cropped area. **Pakistan Journal of Botany** 44 (5): 1721-1726.

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18. Khan, R., **Muhammad Azim Khan**, S. Sultan, K. B. Marwat, I. Khan, G. Hassan and H. U. Shah. 2013. Nutritional quality of sixteen terrestrial weeds for the formulation of cost-effective animal feed. **The Journal of Animal and Plant Sciences**, 23(1 Suppl.): 75-79.
19. **Muhammad Azim Khan**, S. Kakar, K.B. Marwat and I.A. Khan. 2013. Differential response of *Zea mays* L. in relation to weed control and different macronutrient combinations. **Sains Malaysiana** 42(10): 1395-1401.
20. **Muhammad Azim Khan**, K. B. Marwat, Umm-e-Kulsoom, Z. Hussain, S. Hashim, Abdur Rab and K. Nawab. 2013. Weed control effects on the wheat-pea intercropping. **Pakistan Journal of Botany** 45 (5): 1743-1748.
21. Z. Hussain, K.B. Marwat, **Muhammad Azim Khan**, S. Hashim and T. Bakht. 2013. How the competition of *Xanthium strumarium* L. affects the phenological characters of maize crop. **Pakistan Journal of Botany**, 45(6): 1883-1887.
22. M. A. Shah, S. M. Abdullah, **Muhammad Azim Khan**, H. Amin and Roohullah. 2013. In silico molecular mechanism of cannabigerol as a cyclooxygenase-2 inhibitor. **Bangladesh Journal of Pharmacology** 8: 410-413.

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23. M. A. Shah, S. M. Abdullah, **Muhammad Azim Khan**, G. Nasar and I. Saba. 2014. Antibacterial activity of chemical constituents isolated from *Asparagus racemosus*. **Bangladesh Journal of Pharmacology** 9: 1-3.
24. Haroon Khan, K. B. Marwat, **Muhammad Azim Khan** and S. Hashim. 2014. Distribution of Parthenium weed in Peshawar Valley, Khyber Pakhtunkhwa- Pakistan. **Pakistan Journal of Botany** 46(1): 81-90.
25. Haroon Khan, K. B. Marwat, **Muhammad Azim Khan** and S. Hashim. 2014. Herbicidal control of parthenium weed in maize. **Pakistan Journal of Botany** 46(2): 497-504.
26. Bakhtiar Gul, K.B. Marwat, **Muhammad Azim Khan** and H. Khan. 2014. Impact of tillage, plant population and mulches on phenological characters of maize. **Pakistan Journal of Botany** 46(2): 549-554.
27. Saima Hashim, A. Jan, K.B. Marwat and **Muhammad Azim Khan**. 2014. Phytochemistry and medicinal properties of *Ammi visnaga* (Apiaceae). **Pakistan Journal of Botany** 46(3): 861-867.
28. **Muhammad Azim Khan**, K. B. Marwat, B. Gul, F. Wahid, H. Khan and S. Hashim. 2014. *Pistia stratiotes* L. (Araceae): Phytochemistry, use in medicines, phytoremediation, biogas and management options. **Pakistan Journal of Botany** 46(3): 851-860.
29. M.K. Daud, Lei Mei, N. Ullah, F. Deebe, I. Raza, S. Zhu, **Muhammad Azim Khan** and A. Batool. 2014. In-vitro cadmium-induced alterations in growth and oxidative metabolism of upland cotton (*Gossypium hirsutum* L.). **The Scientific World Journal**. Volume 2014, Article ID 309409, 10 pages <http://dx.doi.org/10.1155/2014/309409>.
30. R. A. Afridi, **Muhammad Azim Khan**, H. Gul and M.K. Daud. 2014. Allelopathic influence of rice extracts on phenology of various crops and weeds. **Pakistan Journal of Botany** 46(4): 1211-1215.
31. Riaz Ahmad Afridi and **Muhammad Azim Khan**. 2014. Reduced herbicide doses in combination with allelopathic plant extracts suppress weeds in wheat. **Pakistan Journal of Botany** 46(6): 2077-2082.

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32. Riaz Ahmad Afridi and **Muhammad Azim Khan**. 2015. Comparative effect of water extract of *Parthenium hysterophorus*, *Datura alba*, *Phragmites australis* and *Oryza sativa* on weeds and wheat. **Sains Malaysiana** 44(5): 693-699.
33. Wahid, F., Muhammad S., **Muhammad Azim Khan**, Amjad A, A. M. Khattak and A. R. Saljoqi. 2015. Addition of rock phosphate to different organic fertilizers influences phosphorus uptake and wheat yield. **Ciência e Técnica Vitivinícola Journal**. 30 (3): 90-100.
34. Syed, S., **Muhammad Azim Khan**, M. I. Al-Haq, M. H. Siddiqui, R. Qureshi and Y. Fujii. 2015. *Sarcococca saligna* (Muell.-Arg.) exhibits residual allelopathy. **JoKULL Journal** 65 (7): 46-53.
35. **Muhammad Azim Khan**, F. Wahid, Umme-Kulsoom, K. B. Marwat, B. Gul, M. Inayatullah, A.M. Khattak and S.A. Khan. 2015. Evaluating the threshold levels of *Neslia apiculata* in wheat and its effects on crop yield losses in swat valley of Khyber Pakhtunkhwa. **Pakistan Journal of Botany**. 47(SI): 87-91.
36. Umm-e-Kulsoom and **Muhammad Azim Khan**. 2015. Prediction of grain yield losses in wheat (*Triticum aestivum* L.) under different densities of wild oats (*Avena fatua* L.). **Pakistan Journal of Botany**. 47(SI): 239-242.
37. H. Khan, Adil, B. Gul, **Muhammad Azim Khan**, and K. B. Marwat. 2015. Efficacy of aqueous extracts of different allelopathic plants on germination and growth of wheat and wild oat seeds. **Pakistan Journal of Botany**. 47(SI): 181-185.
38. M. Sharif, Matiullah Khan, **Muhammad Azim Khan**, F. Wahid, K.B. Marwat, A.M. Khattak and M. Naseer. 2015. Effect of rock phosphate and farmyard manure applied with effective microorganisms on the yield and nutrients uptake of wheat and sunflower. **Pakistan Journal of Botany**. 47(SI): 219-226.

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39. Shad, A.A., S. Asmat, J. Bakht, S. Jan and **Muhammad Azim Khan**. 2016. Antimicrobial potentials and phytochemical analysis of desert cotton (*A. Javanica*) and flax (*L. Ustitatissimum*). **Pak. J. Pharm. Sci.** 29(3): 861-868.
40. Abbas Ali, **Muhammad Azim Khan**, A. Saleem, K.B. Marwat, A. U. Jan, D. Jan and S. Sattar. 2016. Performance and economics of growing maize under organic and inorganic fertilization and weed management. **Pakistan Journal of Botany** 48(1): 311-318.
41. Shaheen Kashmir, **Muhammad Azim Khan**, A. A. Shad, K.B. Marwat and Haroon Khan. 2016. Temperature and salinity affect the germination and growth of *Silybum marianum* Gaertn and *Avena fatua* L. **Pakistan Journal of Botany** 48(2): 469-476.
42. F. Wahid, M. Sharif, S. Steinkellner, **Muhammad Azim Khan**, K.B. Marwat and S.A. Khan. 2016. Inoculation of arbuscular mycorrhizal fungi and phosphate solubilizing bacteria in the presence of rock phosphate improves phosphorus uptake, growth and colonization of maize. **Pakistan Journal of Botany** 48(2): 739-747.
43. Fazli Wahid, M. Sharif, **Muhammad Azim Khan** and M. Jamal Khan. 2016. Status and phosphorus solubilization potential of Bacteria and Arbuscular mycorrhiza fungi isolated from various locations of Khyber Pakhtunkhwa province. **Pak. J. Botany** 48 (5): 2121-2130.
44. **Muhammad Azim Khan**, R.A. Afridi, S. Hashim, A.M. Khattak, Z. Ahmad, F. Wahid and B.S. Chauhan. 2016. Integrated effect of allelochemicals and herbicides on weed suppression and soil microbial activity in wheat (*Triticum aestivum* L.) **Crop Protection**. 90: 34-39.
45. Khattak, A.M., M. Sajid, H. Z. Sarwar, A. Rab, M. Ahmad and **Muhammad Azim Khan**. 2016. Effect of Sowing Time and Plant Density on the Growth and Production of Roselle (*Hibiscus sabdariffa*). **International Journal of Agriculture & Biology**. 18: 1219-1224.
46. Hussain, Z, **Muhammad Azim Khan**, M. Ilyas, Luqman and I.A. Khan. 2016. Non-chemical weed management in potato at higher elevations. **Applied Ecology and Environmental Research** 14(5): 67-76.

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47. M. Iqbal, S.M. Khan, **Muhammad Azim Khan**, Z. Ahmad, Z. Abbas, S. M. Khan, H.J. Chaudhry and M. Saleem. 2017. Distribution pattern and species richness of natural weeds of wheat in varying habitat conditions of district Malakand, Pakistan. **Pakistan Journal of Botany** 49(6): 2371-2382.

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48. Iqbal, M., S.M. Khan, **Muhammad Azim Khan**, Z. Ahmad and, H. Ahmad. 2018. A novel approach to phytosociological classification of weeds flora of an agro-ecological system through cluster, two way cluster and indicator species analyses. **Ecological Indicators**. 84: 590-606.
49. M. Ahmad, D. Muhammad, M. Mussarat, M. Naseer, **Muhammad Azim Khan**, A.A. Khan and M.I. Shafi. 2018. Spatial variability pattern and mapping of selected soil properties in hilly areas of Hindukush range northern, Pakistan. **Eurasian J. Soil Sci.** 7 (4) 355 – 364.

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50. **Muhammad Azim Khan**, S. Kashmir, H. H. Ali, B. Gul, A. Raza, U. Kulsoom, O. S. Uslu and H. Waheed. 2019. Environmental factors can affect the germination and growth of *Parthenium hysterophorus* and *Rumex crispus*. **Pakistan Journal of Botany** 51(6): 2195-2202.

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51. Tasneem ur Rehman, **Muhammad Azim Khan**, H. Khan, W. A. Shah, V. Altay, M. Ozturk. 2020. Tillage, nutrients and weed control affects yield of sugar beet. **Fresenius Environmental Bulletin** 29 (5): 3380-3387.
52. Umme-Kulsoom, **Muhammad Azim Khan**, H.H. Ali and Ali Raza. 2020. Competitive interactions of wild oat (*Avena fatua* L.) with quality and yield of wheat (*Triticum aestivum* L.). **Planta Daninha** 38:e020209694.

2021

53. A. Raza, H.H. Ali, **Muhammad Azim Khan**, M. A. Nadeem¹, M. Awais, M. Kamran, T. Abbas⁵, M. Latif, N. Hamid and O.S. Uslu. 2021. Evaluation of clodinafop-propargyl resistant *Avena fatua* (wild oat) in Sargodha division of Punjab-Pakistan. **Pakistan Journal of Botany**. 53(5): DOI: [http://dx.doi.org/10.30848/PJB2021-5\(28\)](http://dx.doi.org/10.30848/PJB2021-5(28)).

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54. M. Fawad, and **Muhammad Azim Khan**. 2022. Impact of irrigation timing and weed management practices on chlorophyll content and morphological traits of tomato (*Solanum lycopersicum* Mill.). **Gesunde Pflanzen**. <https://doi.org/10.1007/s10343-021-00611-0>.
55. M. Fawad, **Muhammad Azim Khan**, F. Wahid, H. Khan, B. Gul, A.M. Khattak, A. Jamal and A. Mastinu. 2022. Irrigation Scheduling and Weed Management: A Sustainable Approach for Managing Broomrape and other Weeds in Tomato Crop. **Horticulturae** 2022, 8, 676. <https://doi.org/10.3390/horticulturae8080676>.
56. Aman Khan, **Muhammad Azim Khan**, F. Wahid, A. Ali, A. M. Khattak, I. Khan, M. Fawad and M. Ahmad. 2022. Weeds as Alternate Organic Fertilizer in Garlic (*Allium sativum* L.) Production. **Gesunde Pflanzen**. <https://doi.org/10.1007/s10343-022-00714-2>.

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57. N.H. Khan, **Muhammad Azim Khan**, Attaullah, Z. Bacha, Shafiullah, M. Zamin and A. Ali. Preventing bolting in onion (*Allium cepa* L.) bulb crop; effect of transplanting date and seedling age. **Pak. J. Botany**. OI: [http://dx.doi.org/10.30848/PJB2024-4\(39\)](http://dx.doi.org/10.30848/PJB2024-4(39))
58. Khan, Abdur ; Ahmad, Bashir ; Khan, Maleeha; **Muhammad Azim Khan**; Sultan, Shoaib; Sultana, Kishwar and Hassan, Said. 2024. Production of single cell protein (scp) from the peels waste of pea, potato and banana by aspergillus flavus nr11882 as an efficient organic poultry supplement. **ACS Omega**. DOI 10.1021/acsomega.4c03317.

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59. Fawad, M., **Muhammad Azim Khan**, A. Jamal, M. Numan, M. F. Saeed, E. Radicetti, and A. Scavo. 2025. Optimizing Weed Control Practices and Irrigation Intervals for Tomato Production in Broomrape-Infested Fields. **ACS Agricultural Science and Technology**. <https://doi.org/10.1021/acsagscitech.5c00505>.

2026

60. Muhammad Azim Khan, R. Gamrat, M.T. Khan and M. Fawad. 2026. Ecology, biology and importance of wild safflower (*Carthamus oxyacantha* (M. Bieb). **Pakistan Journal of Botany**, 58(2) March 2026. DOI: [http://dx.doi.org/10.30848/PJB2026-2\(7\)](http://dx.doi.org/10.30848/PJB2026-2(7)).

NATIONAL AND INTERNATIONAL/HEC RECOGNIZED JOURNALS

1. Shah, W.A., J. Bakht, M. Shafi and **Muhammad Azim Khan**. 2001. Forage performance of different cultivars of wheat, oat and barley under rainfed condition. *Pak. J. Biol. Sci.* 4 (Suppl. 5): 516-518.
2. Shah, W.A., J. Bakht, M. Shafi and **Muhammad Azim Khan**. 2002. Yield and yield components of different cultivars of wheat, oat and barley under rainfed condition. *Asian J. Plant Sci.* 1(2):148-150.
3. N. Khan, A. Jan, I. A. Khan, **Muhammad Azim Khan** and Ihsanullah. 2002. Response of wheat cultivars to varying seeding rates under rainfed conditions. *Asian J. Plant Sci.* 1(4):343-345.
4. **Muhammad Azim Khan**, K. B. Marwat, G. Hassan and N. Khan. 2002. Impact of Weed management on maize planted at night. *Pak. J. Weed Sci. Res.* 8(1-2): 57-62.
5. **Muhammad Azim Khan**, G. Hassan, W.A. Shah and M. Z. Afridi. 2002. Duration effect of weed competition on the yield and yield components of wheat. *Sarhad J. Agric.* 18(3): 335-337.
6. **Muhammad Azim Khan**, K.B. Marwat, G. Hassan and W.A. Shah. 2002. Effect of different weed free periods on the growth and yield of wheat. *Pak. J. Agri., Agril. Eng. Vet. Sci.* 18(1-2):30-33.
7. M. Z. Afridi, M.T. Jan, I. Ahmad and **Muhammad Azim Khan**. 2002. Yielding components of canola response to NPK nutrition. *Pak. J. Agron.* 1(4): 133-135.
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10. N. Khan, G. Hassan, K.B. Marwat and **Muhammad Azim Khan**. 2003. Efficacy of different herbicides for controlling weeds in wheat crop at different times of application – II. *Asian J. Plant Sci.* 2(3): 310-313.
11. W. A. Shah, **Muhammad Azim Khan**, N. Khan, M. Anwar Zarkoon and J. Bakht. 2003. Effect of weed management at various growth stages on the yield and yield components of wheat. *Pak. J. Weed Sci. Res.* 9(1-2): 41-48.
12. **I. A. Khan, G. Hassan, Ihsanullah and Muhammad Azim Khan. 2003. Efficacy of post-emergence herbicides for controlling weeds in canola. Asian J. Plant Sci. 2(3): 294-296.**
13. M.H. Khan, G. Hassan, N. Khan and **Muhammad Azim Khan**. 2003. Efficacy of different herbicides for controlling broadleaf weeds in wheat. *Asian J. Plant Sci.* 2(3): 254-256.
14. I. Khan, G. Hassan, **Muhammad Azim Khan** and M.I. Khan. 2003. Efficacy of some new herbicidal molecules on weed density and yield components of wheat. *Pak. J. Weed Sci. Res.* 9 (3-4): 141 – 146.
15. G. Hassan, H. Khan, K.B. Marwat and **Muhammad Azim Khan**. 2003. Studies on weed seed dynamics in soil seed bank of rice-based cropping system of Pakistan. *Pak. J. Weed Sci. Res.* 9(3-4): 259 – 264.

16. M.A. Zarkoon, N. Khan, W.A. Shah, **Muhammad Azim Khan** and J. Bakht. 2003. Performance of wheat under different weed management practices at various growth stages. *Sarhad J. Agric.* 19(2): 265-270.
17. **Muhammad Azim Khan**, K.B. Marwat and G. Hassan. 2004. Allelopathic potential of some multi- purpose tree species (MPTS) on the wheat and some of its associated weeds. *International J. Biol. Biotech.* 1(3): 275-278.
18. N. Khan, I. Khan, **Muhammad Azim Khan** and H. Khan. 2004. Major rabi and Kharif weeds of agronomic crops of district Bannu. *Pak. J. Weed Sci. Res.* 10(1-2):79-86.
19. Khan, M.D., I.H. Khalil, **Muhammad Azim Khan** and Ikramullah. 2004. Genetic divergence and association for yield and related traits in Mash bean. *Sarhad J. Agric.* 20 (4): 555-561.
20. Haroon Khan, K. B. Marwat, **Muhammad Azim Khan** and N. Khan. 2004. Distribution and control of broomrape (*Orobancha* sp.) and other major weeds in district Swabi. *Pak. J. of Weed Sci. Res.* 10(3-4):193-200.
21. **Muhammad Azim Khan**, Naeem Khan and Ikramullah Khan. 2004. *Phragmites australis* (Cav.); A New Invasive Weed in Pakistan. *Scientific Khyber* 17(2): 169-173.
22. **Muhammad Azim Khan**, K.B. Marwat and G. Hassan. 2005. Wheat yield components as affected due to seed rate and Holy thistle (*Silybum marianum*) density. *Pak. J. Weed Sci. Res.* 11(3-4): 91-96.
23. **Muhammad Azim Khan**, K.B. Marwat and G. Hassan. 2005. Grain yield of wheat at various seed rates under Holy thistle (*Silybum marianum*) densities. *Herbologia* 6(3): 25-34.
24. **Muhammad Azim Khan**, K.B. Marwat, G. Hassan and Z. Hussain. 2005. Bioherbicidal effects of tree extracts on seed germination and growth of crops and weeds. *Pak. J. Weed Sci. Res.* 11(3-4): 89-94.
25. **Muhammad Azim Khan** and K.B. Marwat. 2006. Tillering capacity of wheat at different seed rates as affected by Holy thistle density. *Inter. J. Biol. & Biotech.* 3(2): 403-406.
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28. **Muhammad Azim Khan**, K. Nawab, Siraj-ud-Din, N. Hussain and B. Gul. 2006. Allelopathic proclivities of tree leaf extracts on seed germination and growth of wheat and wild oats. *Pakistan J. Weed Sci. Res.* 12(4): 265-269.
29. J. Bakht, **Muhammad Azim Khan**, S. Anwar and W.A. Shah. 2006. Response of FCV tobacco to various concentrations of two herbicides. *Pak. J. Agri., Agril., Engg. Vet. Sci.* 22(1):12-16.
30. Khan, M.Z., K. Nawab and **Muhammad Azim Khan**. 2006. Weeds related professional competency of agricultural extension agents in NWFP, Pakistan. *Pak. J. Weed Sci. Res.* 12(4): 331-337.
31. Waheedullah, **Muhammad Azim Khan**, S. Arifullah and M. Sadiq. 2008. Evaluation of Integrated weed management practices for maize (*Zea mays* L.). *Pak. J. Weed Sci. Res.* 14(1-2): 19-32.
32. Waheed Ullah, **Muhammad Azim Khan**, M. Sadiq, Habib ur Rehman and A. Nawaz. 2008. Impact of integrated weed management on weeds and yield of maize. *Pak. J. Weed Sci. Res.* 14(3-4): 141-151.
33. Rashid, H., **Muhammad Azim Khan**, A. Amin, K. Nawab, N. Hussain and P.K. Bhowmik. 2008. Effect of *Parthenium hysterophorus* L. root extracts on seed germination and growth of maize and barley. *The Americas Journal of Plant Science and Biotechnology* 2(2): 51-55.
34. Amin, A., **Muhammad Azim Khan**, G. Hassan, K. B. Marwat, H. Rashid and K. Nawab. 2008. Weed control efficacy and economics of pre-emergence herbicides in maize (*Zea mays* L.). *The Asian and Australasian Journal of Plant Science and Biotechnology* 2(2):72-

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37. **Muhammad Azim Khan**, Mahsooma Tariq, Anees Amin, G. Hassan, Muhammad Aslam Khan and Hujjat Ullah Khan. 2009. Possibility of weed suppression by seeding rate and cultivars of wheat. *Pak. J. Weed Sci. Res.* 15 (4): 209-217.
38. **Muhammad Azim Khan**, Shafaq Ahsan, Farhatullah, Gul Hassan and Anwar Nawaz. 2009. Weed suppression by higher seeding rate and row spacing of wheat. *Pak. J. Weed Sci. Res.* 15 (4): 227-236.
39. Khalid Usman, Liaqat Abbas and **Muhammad Azim Khan**. 2009. Impact of physical and chemical weed control on wheat yield and yield components. *Pak. J. Weed Sci. Res.* 15 (4): 237-243.
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41. Hassan, G., I. Khan, **Muhammad Azim Khan**, N.H. Shah, M. Khan and M. Liaquatullah. 2010. Weed flora of chickpea in district Lakki Marwat, NWFP. *Sarhad Journal of Agriculture* 26 (1): 79-86.
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