

## Prof. Dr. Asad Ali

### Publications

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1. Din N, Ahmad M., Siddique M., **Ali A.**, Naz I., Ullah N. and Ahmad F. 2016. Phytobiocidal management of bacterial wilt of tomato caused by *Ralstonia solanacearum* (Smith) Yabuuchi. Spanish Journal of Agricultural Research. 14 (3): **Impact Factor = 0.70**
2. Naz, Saifullah, I. Munir, M. Ahmad, **A. Ali**, J. E, Palomares-Rius, S. Ali and I. Ahmad. 2016. Cis and trans-protopinium, a novel nematicide, for eco-friendly management of root-knot nematodes. Crop Protection. 81: 138-144. **Impact Factor = 1.54**
3. Shah S., Ghani G., Khan H., Shafi M., Arif M., Qahar A., Inamullah, Asad Ali, Ahmad M. 2015. Response of Maize cultivars to phosphorus and zinc nutritions. Pak. J. Botany S1. (**Impact Factor 0.822**)
4. Arti Sharma, Adil Hussain, Bong-Gyu Mun, Qari Muhammad Imran, Noreen Falak, Sang-Uk Lee, Jae Young Kim, Jeum Kyu Hong, Gary John Loake, **Asad Ali** and Byung-Wook Yun. 2016. Comprehensive analysis of plant rapid alkalization factor (RALF) genes. Plant Physiology and Biochemistry. 106: 82-90 (**Impact Factor 2.76**)
5. **Asad Ali**, Musharaf Ahmad, Hisashi Nishigawa and Tomohide Natsuaki. 2015. Evaluation of Low Temperature Induced Mutants of Cucumber green mottle mosaic virus for Cross-protection in Cucurbits. Journal of Plant Pathology and Microbiology Special Issue 3: 010 (**Impact Factor 2.28**)
6. **Asad Ali**, Musharaf Ahmad, Hisashi Nishigawa and Tomohide Natsuaki. 2015. Occurrence and molecular characterization of *Cucumber green mottle mosaic virus* in cucurbit crops of KPK, Pakistan. Brazilian Journal of Microbiology 45 (4) : 1247-1253 (**Impact Factor 0.762**)
7. Ishrat Naz, Saifullah, J. E, Palomares-Rius, S. M. Khan, S. Ali, M. Ahmad, **A. Ali** and A. Khan. 2015. Control of Southern root knot nematode *Meloidogyne incognita* (Kofoid and White) Chitwood on tomato using green manure of *Fumaria parviflora* Lam (Fumariaceae). Crop Protection. 67: 121-129. **Impact Factor = 1.54**
8. **Asad Ali**, Musharaf Ahmad, Hisashi Nishigawa and Tomohide Natsuaki. 2014. Identification of Tobacco leaf curl virus infecting *Lonicera Japonica* an ornamental plant common in Japan. J. Agr. Sci. Tech. 16: 645-655. (**Impact Factor 0.685**)
9. Hafiz Farhad Ali, Ayesha Bibi, Musharaf Ahmad, Muhammad Junaid, **Asad Ali**, Shaukat Hussain, Shah Alam and Syed Sartaj Alam 2014. Characterization of the causal organism of blackleg and soft rot of potato, and management of the disease with balanced fertilization. Pakistan Journal of Botany. 46(6): 2277-2284. **Impact Factor = 1.2**
10. Hafiz Farhad Ali, Muhammad Junaid, Musharaf Ahmad, **Asad Ali**<sup>1</sup>, Ayesha Bibi,

Shaukat Hussain, Shah Alam and Jawad Ahmad Shah 2013. Molecular and pathogenic diversity identified among isolates of *Erwinia carotovora* sub-species *atroseptica* associated with potato black leg and soft rot. Pakistan Journal of Botany 45 (3) 1073-1078. **(Impact Factor 0.97)**

11. Hafiz Farhad Ali, Musharaf Ahmad, Muhammad Junaid, Ayesha Bibi, **Asad Ali**<sup>1</sup>, Muhammad Sharif, Barkat Ali and Amna Sadozai 2013. Inoculum sources, disease incidence and severity of bacterial soft rot and black leg of potato. Pakistan Journal of Botany 44 (2) 825-830. **(Impact Factor 0.97)**
12. Irshad Ali Khan, Hakim Khan, **Asad Ali**, Fazli Raziq, Shaukat Hussain\*, Musharaf Ahmad and Attauddin\*\*. 2009. Evaluation of various fungicides and cultivars for the control of pea rust under natural conditions. Sarhad J. Agric. 25(2) 261-268.
13. Ishrat Naz, Hakim Khan, **Asad Ali**, Musharaf Ahmad\* and Adil Hussain. 2009. Effect of various sowing dates and cultivars on the management of okra root rot under natural field conditions. Sarhad J. Agric. 25(2) 251-260.
14. Muhammad Junaid, Hakim Khan, **Asad Ali**, Musharaf Ahmad and Fazli Raziq\*. 2009. Response of various maize cultivars to different levels of nitrogen against *bipolaris maydis* (nisik)shoemaker under natural epiphytotic conditions. Sarhad J. Agric. 25(2) 243-249.
15. M. Sharif, M. S. Sarir, J. Bakht, S. Saud, **Asad Ali** and Musharaf Ahmad. 2009. Response of wheat to the inoculation of arbuscular mycorrhizal fungi in salt affected soil. Sarhad J. Agric. 25(2) 209-216.
16. Z. H. Khan, S. K. Khalil, S. Nigar, I. H. Khalil, **Asad Ali** and M. Y. Khan. 2009. Phenology and yield of sweet corn landraces influenced by planting dates. Sarhad J. Agric. 25(2) 153-157.
17. A. Sadozai, Q. Zeb, T. Iqbal, S. Anwar, H. Badshah, **Asad Ali** and M. Tahir. 2009. Testing the efficacy of different insecticides against onion thrips in Tarnab, Peshawar. Sarhad J. Agric. 25(2) 269-271.
18. **Ali A.** 2008. *Watermelon mosaic virus*. In; **Characterization, Diagnosis and Management of Plant Viruses**. by G. P. Rao, A. Myrta and K. Ling. Vol 2: Horticultural Crops. Stadium Press LLC, U.S.A.
19. **Ali A.** and Natsuaki T. 2007. *Watermelon mosaic virus*. Plant Virus journal. 1(1): 80-84.
20. **Ali A.**, Natsuaki T. and Okuda S. 2006. The complete nucleotide sequence of a Pakistani isolate of *Watermelon mosaic virus* provides further insights into the taxonomic status in the *Bean common mosaic virus* subgroup. Virus Genes 32: 307-311. **(Impact Factor 1.77)**
21. **Ali A.**, Natsuaki T. and Okuda S. 2004. Identification and molecular characterization of viruses infecting cucurbits in Pakistan. J. Phytopathology. 152: 677-682. **(Impact Factor**

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22. Akhtar A., Hassan S. and **Ali. A.** 2002. Incidence of six potato viruses in spring, summer and autumn potato crops of the North-West Frontier Province of Pakistan. *Australian Plant Pathology*. 31: 143-146. (**Impact Factor 1.021**)
23. Hassan H., **Ali A.** and Akhtar A. 2000. Occurrence and distribution of *Potato leaf roll virus* and *Potato virus Y* in major potato growing areas of the North-West Frontier Province. *Pak. J. Phytopathol.* 12(20): 145-151.
24. Arif M., **Ali A.** Mouazam S. 2000. Evaluation of resistance to Soybean germplasm for source of resistance against Soybean mosaic virus. *Pak. J. Bio. Sci.* 3(11): 1921-1925.

## **Publications (under Review)**

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1. **Asad Ali**, Nishigawa, H., Natsuaki, T. Construction of an infectious full length cDNA clone of Lily mottle virus. *Archives of virology*.
2. **Asad Ali**, Seichi Okuda and Tomohide Natsuaki. Molecular characterization of a begomovirus associated with yellow mosaic disease of *Luffa acutangula* in Pakistan. *The Plant Pathology Journal*.
3. Matsubara, S., **Ali, Asad**, Murai, T., Nishigawa, H., Natsuaki, T. Complete nucleotide sequence of *Cowpea mild mottle virus* infecting Soybean in Indonesia revealed complete divergence from African isolate. *Virus Genes*.
4. **Asad Ali**, A. Hussain, M. Ahmad, I. Naz and Won Y. H. *Zucchini yellow mosaic virus* infecting cucurbit crops of KPK, Pakistan. *The Plant Pathology Journal*.
5. Ibrahim M., **Ali, Asad**, Murai, T., Nishigawa, H., Natsuaki, T. A distinct tombusvirus infecting *Lisianthus* plants in Shizoaka and Nagano prefectures of Japan. *Journal of General Plant Pathology*.
6. Wang, W-Q., **Ali, Asad**, Murai, T., Nishigawa, H., Natsuaki, T. Sequence analysis of a polerovirus detected from yellowing pepper in Bali, Indonesia, revealed intra-specific genomic recombination. *Virus Genes*
7. Baharullah Khattak, Saifullah, Musharraf Ahmad, **Asad Ali**, Mohammad Junaid and Aqib Iqbal. Genetic variability among various isolates of *Trichoderma harzianum*, using RAPD and their antagonistic ability against root-knot nematode. *The Plant Pathology Journal*.
8. Wang, W-Q., **Asad Ali**, Murai, T., Nishigawa, H., Natsuaki, T. The Population structure and complete nucleotide sequence of a *Watermelon mosaic virus*-Japanese isolate (W6-2-1); Giving insight on possible epidemiology of the severe strains of WMV. *Journal of Phytopathology*.

9. Molecular characterization of the *Strawberry vein banding virus* infecting strawberries plants in Tochigi Prefecture, Japan. *Journal of General Plant Pathology*.
10. The complete nucleotide sequence of a Japanese isolate of *Lily mottle virus* (LMoV) provides further insights into taxonomic status of LMoV. *Journal of Phytopathology*.