

## **ABDUR RAFI, Assistant Professor**

**NAME: Abdur Rafi**

### **PERSONAL:**

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### **EXPERIENCE:**

S. No	Date	Title	Institute
1	1995	Assistant professor	Department of plant pathology, N Agricultural University Peshawar
2	1984	Lecturer	Department of plant pathology, N Agricultural University Peshawar

### **HONOR AND AWARD:**

TIPAN scholarship award by USAID

### **MEMBERSHIPS:**

1. Member of Phytopathological Society Pakistan
2. Member of Pakistan Botanical Society
3. Member of American Phytopathological Society
4. Member of SABRAO
5. Member of Crop Protection Association

### **LIST OF GRADUATE STUDENTS**

1. Studies on the characterization and PCR identification of the pathogen and chemical control of the bacterial black leg/soft rot of potato. (Ayesha Bibi) 2009
2. Isolation and characterization of *Xanthomonas oryzae* pv *oryzae* isolates from NWFP. (Najeeya Muneer) 2004
3. Virulence analysis of *Puccinia recondita tritici* from NWFP, Pakistan during 1999-2000. (Qayyum Ali Shah) 2001
4. Distribution, incidence to severity of powdery scab and its control in Swat valley. (Raham Amin Khan Yousafzai) 1997
5. Response of Mungbean (*vigna radiata*.W) to gamma radiation and ethyl methane sulphonate. ( Nazir Ahmad) 1985

### **SERVICE ACTIVITY:**

Teaching, Research, Outreach and Administration

## **RESEARCH INTEREST:**

Epidemiology and control of Bacterial Disease of crops

## **LIST OF PUBLICATIONS (all articles published by referred journals)**

1. M.A Akhtar, Abdul Rafi and Abdul Hameed. 2008. Comparison of methods of inoculation of *Xanthomonas oryzae* PV. *oryzae* in rice cultivars. Pak.J.Bot.40(5): 2171-2175.
2. Najeeya Muneer, Abdul Rafi and Muhammad Afzal Akhtar. 2007. Isolation and characterization of *Xanthomonas oryzae* PV. *oryzae* isolates from North West frontier province (NWFP) Pakistan. Sarhad J.Agric.Vol.23 (3). 743-751
3. H.Rehman, Noor Islam, I.H. Khalil, Durrishahwar and A.Rafi. 2007. Multiple traits selection in a Maize population derived from maize variety Dehgan. Sarhad J.Agric Vol. 23(3): 637-
4. H.Rehman, Noor Islam, I.H. Khalil, Durrishahwar and A.Rafi. 2007. Comparison of original and selected maize population for grain yield traits. Vol.23(3): 641-644
5. Syed Saleem Shah, Hidayat-ur-Rahman, Iftikhar H. Kalil and Abdul Rafi. 2006. Reaction of two maize synthetics to maydis leaf blight following recurrent selection for grain yield. Sarhad J.Agric. Vol.22 (2):263-269
6. Muhammad Afzal Akhtar, Abdul Rafi and Muhammad Fahim. 2006. Characterization of *Xanthomonas oryzae* PV. *oryzae* associated with Bacterial blight of rice in Punjab and NWFP. Pak.J.Phytopathol.Vol.17 (2): 163-166.
7. M.A.Akhtar, F.M.Abbasi and A.Rafi. 2006. Studies on Bacterial Blight of rice incidence in Pakistan during 2004.. P.J. Phytopatho Vol.17(2): 137-140.
8. Muhammad Afzal Akhtar, Fida Muhammad Abbasi, and Abdul Rafi. 2005 Studies on bacterial blight of rice incidence in Pakistan during 2004. Pak.J.Phytopathol.Vol.17(2): 137-140.
9. Mohammad, F., Swati, M, S., Hassan, G., and Rafi, A. (1997) Heritability estimates of some traits in spring wheat (*Triticum aestivum* L.) Sarhad J. Agric. (1997). Vol. XIII (1): 61-65
10. Gul and A. Rafi. 1986. Evaluation of maize cultivars (*Zea mays*) for stalk rot (*Fusarium moniliforme*), leaf blight (*Helminthosporium maydis*) resistance and yield performance. J.Sci.& Tech.Vol.10. (1-2): 58-60
11. Swati, M.S., Rahman, H., and Rafi, A. (1985) Studies of the effect of gamma irradiation on stem characters of maize (*Zea mays*). Sarhad J. Agric. (1985) Vol.1: 175-180
12. Hidayat-ur-Rahman, Khurshid Ahmed, Muhammad Siraj Swati and Abdul Rafi. 1985. Relationship of photosynthetic area with yield and yield components in wheat (*Triticum aestivum*. L.) Sarhad J.Agric. Vol.1(1): 197-203.
13. Ayesha bibi, Abdul rafi, Musharaf Ahmad and Muhammad Junaid. 2009. Studies on the characterization and pcr identification of the pathogen of the bacterial blackleg/soft rot of potato. (In press)
14. Ayesha bibi, Abdul rafi, Musharaf Ahmad and Muhammad Junaid. 2009. Aggressiveness studies of the pathogen of the bacterial blackleg/soft rot of potato. (In press)

**CONTRIBUTION TO EDITED BOOK:**

Akhtar, M. A., Rafi, A., and Fahim, M. (2006) Vegetable diseases. A key to diagnosis and control. In Vegetable Crops Published by Horticultural foundation of Pakistan. pp. 166-200

**RESEARCH GRANTS:**

S. No	Date	Title	Organization
1	1992	Survey of wild mushrooms	TIPAN, USAID
2	1992	Cultivation of oyster mushroom	TIPAN, USAID