



Dr. Pankaj Sharma

Senior Scientist
(Plant Pathology)

- 1 Date of Birth : 17-05-1972
- 2 Educational Qualification : Ph.D. (Plant Pathology), MPUAT, Udaipur (2001); M.Sc. (Plant Pathology), RAU, Bikaner (1996)
- 3 Joining Date in ICAR : 10-12-2008
- 4 Joining Date in DMR : 10-12-2008
- 5 Discipline /Specialization : Plant Pathology
- 6 Research Experience : 12 years
- 7 Training/advance exposure in the area of work : Obtained Training on Bio-control of plant pathogens. Centre for Advance Studies in Plant Pathology, IARI, New Delhi. Exposure to University of Melbourne, Melbourne (Australia)
- 8 Contribution to the Scientific advancement
 - Morphological variability and molecular diversity among different geographical isolates of *Sclerotinia sclerotiorum* were confirmed.
 - Incidence of Sclerotinia rot was positively correlated with soil moisture and weather parameters. Forecasting models of SR developed.
 - Screening of Brassica germplasm for Sclerotinia resistance.
 - Seed treatment and foliar spray with carbendazim at early bloom proved effective in management of Sclerotinia rot of rapeseed-mustard.
- 9 Future planning of research
 - Integrated disease management strategy will be refined, retested and revalidated under ever changing environmental conditions.
 - Search for effective resistance in Brassica germplasm against Sclerotinia.
- 10 Awards/Recognitions
 - *P.P. Singhal Memorial Pesticide India Award (2004)* by Indian Society of Mycology and Plant Pathology, Udaipur.
 - *Prof. Gangadhar Bhatt Memorial Best Research Paper Award (2007)* by G. D. Govt. College for Women, Alwar.

- *Best Agriculture Writing Award 2007* for Scientific, Technical and Research articles in agriculture (Vishwa Krishi Sanchar, Kota) by Minister of Agriculture, Govt. of Rajasthan.
- *Krishi Sewa Ratna Samman (2007)* by Minister of Agriculture, Govt. of Rajasthan.
- *Best Agriculture Writing Award (Haldhar Ratna 2007)* by Haldhar Times, Jaipur.
- *P.P. Singhal Memorial Pesticide India Award (2008)* by Indian Society of Mycology and Plant Pathology, Udaipur.
- *Vigyan Vibhuti Alankaran (2010)* by Srimadhusudan Vedic Sanskriti and Paryavaran Sansthan.
- *Fellow Award (2010)* by Plant Protection Association of India, NBPGR Regional station, Rajendranagar, Hyderabad.
- *K.S. Bilgrami Best paper Presentation Award (2010)* by Indian Society of Mycology and Plant Pathology, Udaipur.
- *Fellow Award (2011)* by Society for Plant Protection Sciences, IARI, New Delhi.
- *Prof. H.C. Dube Outstanding Young Scientist Award (2011)* by Indian Society of Mycology and Plant Pathology, Udaipur.
- *Fellow Award (2014)* by Indian Society of Mycology and Plant Pathology, Udaipur India.
- *Fellow Award (2014)* by Indian Society of Plant Pathologists, PAU, Ludhiana.

11 Publications (best five)

- **Sharma, Pankaj**, P.D. Meena and J.S. Chauhan (2013). A new host for *Nigrospora oryzae* (Berk. & Broome) Petch causing stem blight on *Brassica juncea* from India. *J Phytopathology* **161**(6):439-441
- **Sharma, Pankaj**, P.D. Meena, Sandeep Kumar and J.S. Chauhan (2013). Genetic diversity and morphological variability of *Sclerotinia sclerotiorum* isolates of oilseed Brassica in India. *African Journal of Microbiology Research*. **7**(18): 1827-1833.
- **Sharma, Pankaj**, Arvind Kumar and J.S. Chauhan (2012). Evaluation of Indian and exotic *Brassica* germplasm for tolerance to stem rot caused by *Sclerotinia sclerotiorum*. *Journal of Mycology and Plant Pathology*. **42** (3):297-302.
- **Sharma, P.**, P.K Rai, S.A. Siddiqui and J.S. Chauhan (2011). First report of Fusarium wilt in the broomrape parasite growing on *Brassica* spp. in India. *Plant Disease*. **95**(1):75
- **Sharma, P.**, N. Singh and O.P. Verma (2012). First Report of Curvularia leaf spot, caused by *Curvularia affinis* on *Dalbergia sissoo*. *Forest Pathology* **42**:265-266.

12. Professional membership

- Plant Protection Association of India, Hyderabad
- Society for Plant Protection Sciences, New Delhi
- Indian Society of Mycology and Plant Pathology,
- Indian Society of Phytopathology, IARI, New Delhi.
- Indian Society of Plant Pathologists, PAU, Ludhiana.
- Society for Rapeseed-Mustard Research, DRMR, Bharatpur
- Society for Extension Education, RBS College, Agra