

**Name** : Dr. Prabhat Kumar Shukla  
**Designation** : Principal Scientist (PP)  
**ICAR e-mail** : Prabhat.Shukla@icar.gov.in  
**Alternate e-mail** : pksmush@gmail.com  
**Mobile No** : 9451290652  
**Field of Specialization** : Plant Pathology



**Name of Institute from where obtained M.Sc. degree:**

C.S. Azad University of Agriculture and Technology, Kanpur

**Name of Institute from where obtained Ph.D. degree:**

CSJM University, Kanpur (Centre of work-CSIR-CIMAP, Lucknow)

**Joining date in ICAR** : 8/19/2009

**Publications (Top 10 Publications with first or corresponding author only):**

1. P.K. Shukla and Akhtar Haseeb (1996). Effectiveness of some nematicides and oil cakes in the management of *Pratylenchus thornei* on *Mentha citrata*, *M. piperita* and *M. spicata*. *Bioresource Technology* 57: 307-309. (NAAS rating 11.81)
2. P.K. Shukla, Akhtar Haseeb and Neel Kamal Srivastava (1998). Influence of pH on reproduction and damage potential of *Pratylenchus thornei* on *Mentha piperita*. *Fundamental and Applied Nematology* 21: 103-105 (NAAS rating 7.12)
3. Farzana Butool, Akhtar Haseeb and P.K. Shukla (1998). Management of root-knot nematode, *Meloidogyne incognita* infesting Egyptian herbane, *Hyoscyamus muticus* by the use of nematicides and oil cakes. *International Journal of Pest Management* 44: 199-202 (NAAS rating 7.12)
4. Shukla, P.K., Gundappa and Adak, T. (2017). Development of sooty moulds in mango orchards in relation to weather parameters and major sucking pests. *Journal of Environmental Biology* 38(6): 1293-1300.(NAAS rating 6.72)
5. Shukla, P.K., Adak, T. and Gundappa (2017). Anthracnose disease dynamics of mango orchards in relation to humid thermal index under subtropical climatic condition. *J. Agrometeorology* 19(1): 56-61.(NAAS rating 6.56)
6. Shukla, P.K., G. Baradevanal, S. Rajan and T. Fatima (2020). MaxEnt Prediction for potential risk of mango wilt caused by *Ceratocystis fimbriata* Ellis and Halst under different climate change scenario in India. *Journal of Plant Pathology* <https://doi.org/10.1007/s42161-020-00502-9> (NAAS Rating 6.82).
7. Shukla, P.K., T. Fatima and N. Kumari (2020). First report of *Berkeleyomyces basicola* causing mango root rot and decline in India. *Plant Disease* 105(4): 1214, doi:10.1094/PDIS-10-20-2133-PDN (NAAS rating 9.58).

**Patent / Technologies / Varieties / Methodologies / System etc.:**

Module for wilt and decline disease management in mango

Spray schedule for the management of shoulder browning disease of mango

New fungicides for management of blossom blight, powdery mildew and leaf anthracnose diseases of mango

Module for the management of decline and wilt diseases of guava

**No. of Students Guided (M.Sc.) : 4**

**No. of Students Guided (Ph.D.) :**

**Awards / Recognitions / Fellowship:**

1. Research Associateship of CSIR, New Delhi, 1996-2000
2. Young Scientist Award, BRS, Allahabad, 2001
3. Fellow, NSI, New Delhi 2004
4. Pathology Ratan Award, IPS, New Delhi 2013
5. Lifetime Achievement Award, NAU, Nausari 2019