

BIO-DATA



Name : **Sandeep Kumar**
Father's Name : **Sri Mahendra Pratap**
Mother's Name : **Smt. Vimla Devi**
Date of Birth : **5th Oct., 1990**
Sex : **Male**
Category/Religion : **OBC/ Hindu**
Language Known : **Hindi & English**
Nationality : **Indian**
Marital Status : **Unmarried**
Permanent Address : **Sandeep Kumar, S/O- Mahendra Pratap**
Village- Mahewa Sarhaddi, P.O. – Jiti Pur
District- Basti (U.P.) - 272181
Email : **sandeepkap996@gmail.com**
Contact Number : **9628004235, 8318420900, 9451460087**

Degree awarded	Major subject	Year of passing	Board/ University	% of marks/OGPA
High School	Science	2005	U.P. Board, Allahabad	56.33
Intermediate	Agriculture Science	2007	U.P. Board, Allahabad	63.50
B.Sc. (Ag.)	Agriculture Science	2011	D.D.U. Gorakhpur (N.P.G.College Barhalganj)	64.92
M.Sc. (Ag.)	Plant Pathology	2013	N.D. U. A. & T., Kumarganj, Faizabad	7.152
Ph.D.	Plant Pathology	2019 (Thesis submitted)	N.D.U. A. & T., Kumarganj, Ayodhya	7.575

OTHER ACHIEVEMENT:

- Young Scientist Award- 2016 from IIRR, Hyderabad.
- Excellence in Research Award-2017 from S&T - SIRI, Telangana, Hyderabad.
- Young Achiever Award-2017 from ICAABT, Orchha, M.P.
- Best Research Scholar Award-2018 from ATDS, Ghaziabad, (U.P.)
- Life Member in 2018 from ATDS, Ghaziabad, (U.P.)
- Mushroom Training- 2018 from Basti Deptt. of Horticulture & food Processing U.P.
- N.C.C. - (B & C) Certificate passed in 2008-09.
- Diploma in Computer Application (DCA) passed in 2005.
- Proficient working knowledge of Internet.
- Teaching experience (2 years) during 15 July 2013 – 15 July 2015 in Chaudhary Charan Singh P.G. College Padmapur Pandav Nagar- Basti (U.P.).

M.Sc. (Ag.) Thesis Topic: “Studies on isolation, identification and management of Pigeonpea Wilt through Botanicals and Bio-agents”

Ph.D. Thesis Title: “Sources of resistance, detection protocol, estimation of losses and management of spot blotch disease of wheat”

TECHNICAL SKILLS:

Work done during M.Sc. (Ag.) and Ph.D. (Plant Pathology)	Institute	Duration	Specialization
<ul style="list-style-type: none">• Isolation, Purification and Identification of fungi• Evaluation of fungicides, plant extracts and bio-agents against fungi• Germplasm evaluation against plant diseases• Eco-friendly management of fungal• Protein purification• Centrifugation	N.D.U.A. & T. Kumarganj, Ayodhya (U.P.)	2-Years M.Sc.(2011-13) Ph.D. 2015 - 2019	Plant Pathology (Mycology) Evaluation of genotypes against foliar blight and rust disease of wheat and their management

SEMINARS DELIVERED:

- ✓ Variability Scenario of *Fusarium spp.* in India. Course seminar during M. Sc. programme.
- ✓ Major Foliar Diseases of Wheat and their Management. Course seminar during Ph.D. Programme.
- ✓ Physiological specialization and its role in plant disease management. Course seminar during Ph.D. Programme.

SEMINAR/ SYMPOSIUM ATTENDED:

1. National Symposium on "***Eco- friendly Approaches for Disease Management- Recent Trends and Opportunitles***" December 29-30, 2016. Organized by Indian Phytopathological Society's Mid Eastern Zone and ICAR- Indian Institute of Pulses Research (IIPR), Kanpur, U.P.
2. National Conference on "***Emerging Challenges and Opportunities in Agriculture, Social, Plant, Environment, Co-operatives and Technology***" (ECOASPECT) September 10-11, 2016. Organized by ICAR- Indian Institute of Rice Research (IIRR), Rajendra nagar, Hyderabad- 30, Telangana.
3. International Conference on "***Emerging Trends in Allied & Applied Biotechnology***" April 01-02, 2017. Organized by Biologix Research and Innovation Centre Pvt. Ltd. (BRICPL), Orchha, M.P. (India).
4. National Conference on "***Doubling Income for Sustainable and Harmonious Agriculture***" September 09-10, 2017. Organized by Science and Technology Society for Integrated Rural Improvement (S&T, SIRI), Thorur, Warangal, Telangana (Hyderabad).
5. 3rd National Youth Convention on "***Transforming Agriculture for Agripreneurship & Employment Opportunities: The Youth Perspective***" February 23-24, 2018. Organized by Assam Agricultural University Jorhat, Assam, ICAR- All India Agricultural Students Association (AIASA).
6. 2nd International Conference on "***Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS)***" October 20-22, 2018. Organized by Agricultural Technology Development Society (ATDS), Ghaziabad, U.P.

POSTER PRESENTED IN SEMINAR/ SYMPOSIUM:

1. Kumar, S., Yadav, J.K., Singh, S. and Vimal, S.C. (2016). Variability scenario of *Fusarium spp.* in India. National Conference on "***Emerging Challenges and Opportunities in Agriculture, Social, Plant, Environment, Co-operatives and Technology***" (ECOASPECT) September 10-11, 2016. Organized by ICAR- Indian Institute of Rice Research (IIRR), Rajendranagar, Hyderabad- 30, Telangana, (pp.132).
2. Kumar, S., Singh, S.P., Yadav, J.K., Singh, S., Singh, D., Baboo, D. and Saini, R. (2016). Management of spot blotch of wheat disease caused by *Bipolaris sorokiniana* through fungicides and botanicals. National Symposium on "***Eco-friendly Approaches for Disease Management- Recent Trends and Opportunities***" December 29-30, 2016. Organized by Indian Phytopathological Society's Mid Eastern Zone and ICAR- Indian Institute of Pulses Research (IIPR), Kanpur, U.P. (pp. 13).
3. Singh, S., Singh, R., Yadav, J.K., Kumar, S., Singh, D., Saini, R. and Baboo, D. (2016). Biological control of plant diseases. National Symposium on "***Eco-friendly Approaches for Disease Management- Recent Trends and Opportunities***" December 29-30, 2016. Organized by Indian Phytopathological Society's Mid Eastern Zone and ICAR- Indian Institute of Pulses Research (IIPR), Kanpur, U.P. (pp. 23).
4. Kumar, S., Yadav, J.K. and Singh, D. (2017). Management of wilt of pigeonpea caused by *Fusarium udum* through fungicides and bio-agents. National Seminar on "***Agriculture Research and Education in Relation to Development of Integrated Agriculture: Challenges & Solutions***" 14 June 2017. Organized by U.P. Council of Agricultural Research ICAR- Indian Institute of Sugarcane Research & U.P. Academy of Agricultural Sciences, Lucknow, U.P. (pp. 42).
5. Kumar, S., Yadav, J.K. and Singh, D. (2017). Bio-efficacy of plant leaf extract against *Fusarium udum* causing wilt of pigeonpea. National Seminar on "***Agriculture Research and Education in Relation to Development of Integrated Agriculture: Challenges & Solutions***" 14 June 2017. Organized by U.P. Council of Agricultural Research ICAR- Indian Institute of Sugarcane Research & U.P. Academy of Agricultural Sciences, Lucknow, U.P. (pp. 43-44).

PUBLICATIONS:

RESEARCH PAPERS:

1. Mishra, R.S. and Kumar, S., (2015). Evaluation of plants extracts, bio-agents and fungicides against *Fusarium udum* causing Pigeonpea wilt. *Journal of Plant Diseases Science Vol. 10 (1): 92-98.*
2. Kumar, S., Singh, D., Yadav, J.K., Kumar, S. and Verma, S.K., (2017). Efficacy of plant extracts, bio-agents and fungicides against *Fusarium udum* causing Pigeonpea wilt. *International Journal Current Microbiology and Applied Sciences Vol. 6 (9): 2652-2660.*
3. Kumar, S., Pande, S.K., Yadav, J.K., Saini, R., Kumar, S., Yadav, S.K. and Singh, V., (2017). Effect of fungicides and botanicals against Leaf Rot Disease caused by *Fusarium oxysporum* in Aloe vera (*Aloe barbedensis* Miller). *International Journal Current Microbiology and Applied Sciences Vol. 6 (10): 2957-2962.*
4. Singh, D., Pande, S.K., Kavita, Yadav, J.K. and Kumar, S., (2018). Bio-efficacy of *Trichoderma spp.* against *Bipolaris sorokiniana* causing spot blotch disease of wheat and barley. *International Journal Current Microbiology and Applied Sciences Vol. 7 (03): 2322-2327.*
5. Shukla, D.N., Singh, G., Singh, U.B., Tiwari, P. and Kumar, S., (2019). Karnal bunt disease of wheat: A review. *International Journal of Research in Pharmacy and Pharmaceutical Sciences Vol. 4 (1): 16-18.*
6. Yadav, J.K., Singh, H.K., Singh, S.K., Kumar, S. and Singh, D., (2019). Effect of sowing dates on development of Downey mildew disease in Indian mustard (*Brassica juncea* L.). *Journal of Pharmacognosy and Phytochemistry Vol. 8 (1): 516-518.*
7. Kumar, S., Shukla, D.N., Mishra, R.S., Singh, S., Singh, D. and Shivam Kumar (2019). A comprehensive study for the management of pigeon pea wilt cause by *Fusarium udum* (L.) Butler. *International Journal of Chemical Studies Vol. 7 (2): 422-426.*
8. Kumar, S., Singh, S.P., Singh, S., Yadav, J.K., Upadhyay, V., Dibya, Katiyar, A. and Jaiswal, A.K. (2019). Standardize the detection protocol (media recipes and incubation conditions) for easiness, quick and reproducible and results for spot blotch of wheat. *Journal of Pharmacogony and Phytochemistry, 8 (4):940-943.*
9. Kumar, S., Singh, S.P., Singh, S., Upadhyay, V., Dibya, Katiyar, A. and Yadav, J.K. and Jaiswal, A.K. (2019). Evaluation of wheat genotypes for

resistance against spot blotch disease. International Journal of Chemicals Studies. (Accepted 28-06-19)

Book and Articles:

1. Kumar, S., Upadhyay, V. and Jaiswal, A.K. (2019). An Eco-friendly management of pigeon pea wilt. Lambert Academic Publishing. IBSN- 978-613-9-47266-6.
2. Kumar, S., Yadav, J.K. and Yadav, G.K., (2017). Daniya Ki Kheti me Rogon ka Prabandhan. Modern Kheti. 15 September 2017. Pp.46
3. Kumar, S., Yadav, J.K. and Kavita (2017). Arhar Ki Kheti Me Rogon ka Prabandhan Karke Payen Adhik Upaj. Modern Kheti. 31 August 2017. Pp.42-42.
4. Yadav, J.K., Kumar, S., Singh, D., Saini, R. and Kavita (2017). Bandgobhi Ki Unnati Kheti Aur Rogon Ka Prabandhan. Modern Kheti. 31 December 2017. Pp. 50-51

ABSTRACTS:

1. Kumar, S., Yadav, J.K., Singh, S. and Vimal, S.C. (2016). Variability scenario of *Fusarium spp.* in India. National Conference on "***Emerging Challenges and Opportunities in Agriculture, Social, Plant, Environment, Co-operatives and Technology***" (ECOASPECT) September 10-11, 2016. Organized by ICAR- Indian Institute of Rice Research (IIRR), Rajendranagar, Hyderabad- 30, Telangana, (pp.132).
2. Kumar, S., Singh, S.P., Yadav, J.K., Singh, S., Singh, D., Baboo, D. and Saini, R. (2016). Management of spot blotch of wheat disease caused by *Bipolaris sorokiniana* through fungicides and botanicals. National Symposium on "***Eco-friendly Approaches for Disease Management- Recent Trends and Opportunities***" December 29-30, 2016. Organized by Indian Phytopathological Society's Mid Eastern Zone and ICAR- Indian Institute of Pulses Research (IIPR), Kanpur, U.P. (pp. 13).
3. Singh, S., Singh, R., Yadav, J.K., Kumar, S., Singh, D., Saini, R. and Baboo, D. (2016). Biological control of plant diseases. National Symposium on "***Eco-friendly Approaches for Disease Management- Recent Trends and Opportunities***" December 29-30, 2016. Organized by Indian Phytopathological Society's Mid Eastern Zone and ICAR- Indian Institute of Pulses Research (IIPR), Kanpur, U.P. (pp. 23).
4. Kumar, S., Yadav, J.K. and Singh, D. (2017). Management of wilt of pigeonpea caused by *Fusarium udum* through fungicides and bio-agents. National Seminar on "***Agriculture Research and Education in Relation to Development of Integrated Agriculture: Challenges & Solutions***" 14 June 2017. Organized by U.P. Council of Agricultural Research ICAR- Indian

Institute of Sugarcane Research & U.P. Academy of Agricultural Sciences, Lucknow, U.P. (pp. 42).

5. Kumar, S., Yadav, J.K. and Singh, D. (2017). Bio-efficacy of plant leaf extract against *Fusarium udum* causing wilt of pigeonpea. National Seminar on "*Agriculture Research and Education in Relation to Development of Integrated Agriculture: Challenges & Solutions*" 14 June 2017. Organized by U.P. Council of Agricultural Research ICAR- Indian Institute of Sugarcane Research & U.P. Academy of Agricultural Sciences, Lucknow, U.P. (pp. 43-44).

DECLARATION

I hereby declare that all statements made in this resume are true to the best of my knowledge and belief. I understand that in the event of any information being found false or incorrect my candidature is liable to reject.

Date: 22/07/2019

Place: Ajmer

(SANDEEP KUMAR)