



Department of Entomology

1. **Name & Designation:** Dr. D.V. Singh, Professor
2. **Highest Qualification:** Ph.D. Zoology
3. **Specialization/Area of Interest:** Entomology/ IPM in Vegetable and Storage Entomology
4. **Contact Details-Mob:** 8218170772
5. **Email:** singhdv2011@gmail.com
6. **Brief Profile:**

Professional Experience:

- Professor in the Department of Entomology, S.V.P.U.A.&T, Modipuram, Meerut, from 28/07/2018 to till Date.
- 03 years as Associate Professor in the Department of Entomology, S.V.P.U.A.&T, Modipuram, Meerut from 28/07/2015 to 27/07/2018.
- 12 years as Assistant Professor in the department of Entomology from 28/07/2003 to 27/07/2015

Students Guided: Guided 7 Ph.D. and 17 M.Sc. Entomology Students.

Project: Handled 15 Externally Funded Project Including Testing Project of MNC.

Research Publications:

1. Singh, A.K., Singh, S.P. and **Singh, D.V.** 2013. Problem and prospectus of integrated farming system for farmers of Uttar Pradesh. Economic affairs. 58 (4): 439-443.
2. Singh, A.K., Singh, S.P. and **Singh, D.V.** 2015. Estimation of catch fish demand function of consumers in Uttar Pradesh. Economic affairs. 60 (4):627-631.
3. **Singh, D.V.**, Ram, R.N. and Singh I., J. 2002. Evaluation of dose of ovaprim for inducing ovarian maturation and ovulatory response in the catfish, *Heteropneustes fossilis*. Indian j. Fish, 49(1): 1-12.

4. Batham, P., Singh, G., Singh, **D.V.**, Singh, H., Mishra, P. and Singh, A. 2021. Insect pest complex associate with sugarcane crop in western Uttar Pradesh. J. Exp. Zool. India. 24(2): 1113-1117.
5. Kumar, P., Mishra, D.N., **Singh, D.V.**, Kumar, S., Shanker, R. and Patel, A. 2022. Biology of Pod Borer, *Helicoverpa armigera* (Hubner) on Chickpea Leaves and pods under Laboratory conditions. Biological Forum-An International Journal. 14(2a): 603-607.
6. Ram, R.N., Singh, **D.V.**, Singh, I. J. and Singh, U.P. 2001. Induction of maturational events in gonads of *Labeorohita* in response to pituitary extract and ovaprim treatment. Indian j. Fish. 48(3): 259-267.
7. **Singh, D.V.**, Singh, I.J. and Ram, R.N. 2001. Ovaprim induced maturational and ovulatory responses in *Heteropneustes fossilis* in aerated and cythion contaminated water. J. Exp. Zool., India. 4 (1) Pp. 33-42
8. Chaudhary, A.S. Sachan, S.K. Singh, R.L. and **Singh, D.V.** 2005. Performance of F₁ hybrids of capsicum in Tarai region of Uttar Pradesh. Vegetos. 18 (1 & 2): 163-165.
9. Sachan, S.K., Chaudhary, A.S. and **Singh, D.V.** 2006. Evaluation of some chemicals and bio-control agents against capsicum fruit borer, *Helicoverpa armigera* (Hubner). Internat. J. Agric. Sci. 2(1): 208-210.
10. Singh, H., **Singh, D.V.**, Sachan, S.K. and Yadav, R.B. 2008. Evaluation of bio-pesticide and chemical for management of borers in okra (*Abulmoschous esculantus*). J. insect Science. 21(4): 413-415.
11. Singh, C.P., **Singh, D.V.** and Mishra, V.K. 2008. Physicochemical parameter variance in vegetative and graveled tank. J. Exp. Zool., India. 11(2):517-518.
12. Kumar, V., Rajendra, S., Sachan, S.K., **Singh, D.V.**, Singh, G., Prakash, S. and Singh, B. 2021. Population dynamics of mango fruit fly species trapped through methyl eugenol traps in western plain zone of Uttar Pradesh. J. Exp.Zool. India. 24(2): 1615-1620.
13. Kumar, A., Khilari, K., Singh, G., Singh, R., **Singh, D. V.**, Yadav. M.K. and Kumar, A. 2022. Antagonistic Effect of different medicinal plant extracts of larval mortality and egg hatching of *Meloidogyne graminicola*. J. Exp. Zool India. 25(1): 313-318.
14. Sreedhar, M., **Singh, D.V.**, Singh, R. and Megha, G. 2020. Efficacy of botanicals on the groundnut bruchid *Caryedon serratus* (Olivier). Indian journal of entomology. 82(3): 580-582.

15. Verma, A.P., Singh, H., Singh, G., **Singh, D.V.**, Singh, R. and Tomar, A. 2021. Influence of weather parameters on population dynamics of major insect pests of basmati rice. J. Exp. Zool. India, 24(2): 1275- 1280.
16. Basuta, R., **Singh, D.V.**, Kumar, S., Rana, R. and Kumar, A. 2017. Efficacy of newer insecticides and bio- pesticides against gram pod borer, *Helicoverpa armigera* (Hub.) on chickpea. J. Exp. Zool. India. 20(2): 1089-1091.
17. Kumar, D., **Singh, D.V.**, Bhatnagar, A. and Singh, A.P.D. 2016. Insect pest complex and evaluation of chemical insecticides against shoot and fruit borer, *Leucinodes orbonalis* (Guence) in brinjal. J. Exp. Zool. India 19(1): 1501-1504.
18. Singh, G., **Singh, D.V.** and Anokhe, A. 2022. Biology of brinjal shoot and fruit borer, *Leucinodes orbonalis* (Guence.). CMPH J. ent. Res. 46 (3): 603-606.
19. Dhaka, S.S., Sachan, S.K., Singh G., **Singh, D.V.** Singh, H. and Ali, N. 2010. Field evaluation of different insecticides against termite in sugarcane. Environment & Ecology. 28(1B): 516-518.
20. Shanker, R., Singh, R., **Singh, D.V.**, Khilari, K., Kumar, P., Patel, A., Kumar, S., Singh, R.P. and Prajapati, M.R. 2022. The use of promising entomopathogenic fungi *M. anisopliae* for eco-friendly management of *Helicoverpa armigera* (Hub.) in chickpea. The Pharma Innovation Journal. 11(8): 1791- 1795.
21. Kumar, P., Mishra, D.N., **Singh, D.V.**, Singh, R. and Mishra, P. 2022. Population fluctuation of pod borer, *Helicoverpa armigera* (Hubner) in relation with abiotic factors. The Pharma Innovation Journal. 11(6): 1471-1474.
22. Sreedhar, M., **Singh, D.V.**, Shahi, U.P. and Reddy, D.V.C. 2020. Physical and biochemical bases of resistance in groundnut against bruchid, *Caryedon serratus* (Olivier). Journal of Stored Products Research, 87: 101594.
23. Kumar, S., **Singh, D.V.**, Singh, G., Bhatnagar, A., Mishra, D.N., Singh, H. and Mishra, P. 2022. Economics of various treatments against Legume pod borer, *Maruca vitrata* (Fab.) in green gram. The Pharma Innovation Journal. 11(7): 3755-3757.
24. Kumar, S., **Singh, D.V.**, Singh, G., Mishra, D.N., Singh, H., Mishra, P and Bhatnagar, A. 2022. Evaluation of different tactics for the management of jassid. *Empoasca kerri* (Pruthi) in green gram, *Vigna radiata* (L.) Wilczek. The Pharma Innovation Journal. 11(7): 4302-4305.

25. Patel, A. Singh, H., Singh, G., **Singh, D.V.**, and Singh, R. 2022. Seasonal incidence of sucking insect-pest and correlation with weather parameters in the condition of western U.P. *The Pharma Innovation Journal* 11(6): 2320-2324.
26. Sreedhar, M., **Singh, D.V.**, Reddy, D.V.C. and Vasudha, A. 2020. Biochemical changes in groundnut pods due to infestation of bruchid *Caryedon serratus* (Olivier) under stored conditions. *Journal of Stored Products Research*, 88: 101678. 27.
27. Kumar, J., Bhatnagar, A., Kumar, A. and **Singh, D.V.**, 2018. Management of whitefly *Bemisia tabaci*(Genn.) on Potato with Azadirachtin and Insecticide combinations. *Indian Journal of Entomology*. 80(2): 1.
28. Kumar, U., **Singh, D.V.**, Sachan, S.K., Bhatnagar A., and Singh, R. 2014. Insect Pest Complex of Okra and Biology of Shoot and Fruit Borer, *Earias vittella* (F.). *Indian Journal of Entomology*. 76(1): 29-31.
29. Kumar, K.R., Sachan, S.K. and **Singh, D.V.** 2013. Bio-efficacy of some new insecticides against mustard aphid, *Lipaphis erysimi* (Kalt) and their effect on coccinellid population in rapeseed mustard. *Vegetos*. 26(1): 159-163.
30. Gangwar, R.K., **Singh D.V.**, Bhatnagar, A. and Sachan, S.K. 2014. Brinjal shoot and fruit borer management with insecticides. *Indian Journal of Entomology*. 76 (2): 97-100.