Dr. Sanjay Kumar Sahoo
Associate Professor

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EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Odisha University of Agriculture and Technology
- **M.Sc. (Ag) (Entomology):** Punjab Agricultural University
- **Ph.D. (Entomology):** Punjab Agricultural University

PROFESSIONAL AREA

- **Research Area**: Pesticide Residue Analysis, Insecticide Resistance Management
- **Research Interests:** Pesticide Metabolism and Degradation
- **Memberships/Fellow of Societies:** Life member of Indian Society for the Advancement of Insect Science, Ludhiana; Life member of Indian Ecological Society, Ludhiana; Life member of Society of Pesticide Science India

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 65**
- **Books & Book Chapter: 04**
- **Popular articles: 07**

KEY PUBLICATIONS:

- Sahoo, S.K., Chahil, G.S., Mandal, K., Battu, R.S. and Singh, B., 2012. Estimation of β-cyfluthrin and imidacloprid in okra fruits and soil by chromatography techniques. Journal of Environmental Science and Health, Part B, 47(1), pp.42-50.
- Sahoo, S.K., Jyot, G., Battu, R.S. and Singh, B., 2012. Dissipation kinetics of trifloxystrobin and tebuconazole on chili and soil. Bulletin of Environmental Contamination and Toxicology, 88(3), pp.368-371.
- Sahoo, S.K., Mandal, K., Singh, G., Kumar, R., Chahil, G.S., Battu, R.S. and Singh, B., 2013. Residual behavior of quizalofop ethyl on onion (Allium cepa L.). Environmental monitoring and assessment, 185(2), pp.1711-1718.
- Sahoo, S.K., Mandal, K., Kaur, R., Battu, R.S. and Singh, B., 2013. Persistence of thiacloprid residues on brinjal (Solanum melongena L.). Environmental monitoring and assessment, 185(9), pp.7935-7943.
- Sahoo, S.K., Mandal, K., Kumar, R. and Singh, B., 2014. Analysis of fluopicolide and propamocarb residues on tomato and soil using QuEChERS sample preparation method in combination with GLC and GCMS. Food Analytical Methods, 7(5), pp.1032-1042.
- Chahil, G.S., Mandal, K., Sahoo, S.K., Battu, R.S. and Singh, B., 2014. Risk assessment of β-cyfluthrin and imidacloprid in chickpea pods and leaves. Ecotoxicology and environmental safety, 101, pp.177-183.
- Mandal, K., Kaur, R., Sahoo, S.K., Arora, R. and Singh, B., 2014. Degradation pattern and risk assessment of chlorantraniliprole on berseem (Trifolium alexandrinum L.) using high performance liquid chromatography. Chemosphere, 112, pp.100-104.
- Kaur, R., Mandal, K., Sahoo, S.K., Kumar, R., Arora, R. and Singh, B., 2016. Estimation and risk assessment of flubendiamide on fodder berseem clover (Trifolium alexandrinum L.) by QuEChERS methodology and LC-MS/MS. Environmental Science and Pollution Research, 23(10), pp.9791-9798.
- Sharma, K.K., Shukla, V.R., Patel, A.R., Vaghela, K.M., Patel, H.K., Shah, P.G., Banerjee, H., Banerjee, T., Hudait, R.K., Sharma, D. and Sahoo, S.K., 2016. Multilocation field trials for risk assessment of a combination fungicide Fluopicolide+ Propamocarb in tomato. Environmental monitoring and assessment, 188(11), pp.1-12.
- Sharma, K.K., Bhushan, V.S., Rao, C.S., Reddy, K.N., Banerjee, H., Mandal, S., Singh, B., Battu, R.S., Jyot, G., Sahoo, S.K. and Mohapatra, S., 2018. Persistence, dissipation and consumer risk assessment of a combination formulation of flubendiamide and deltamethrin on cucumber. Food Additives & Contaminants: Part A, 35(3), pp.498-511.