



All India Network Project on Pesticide Residues

Pesticide Residues Laboratory, ICAR Unit-9
Anand Agricultural University, Anand – 388 110, Gujarat (India)

Research Publications

1. Litoriya, N. S., Chauhan, N. R., Kalasariya, R. L., Parmar, K. D., Chawla, S., Parmar, A. V., Raj, P. V. and Shah, P. G. (2023). Dissipation kinetics of co-formulation with two herbicides, clodinafop-propargyl and oxyfluorfen, in/on onion (*Allium cepa*) samples. *Environmental Science and Pollution Research*, 30, 50225-50233. DOI: <https://doi.org/10.1007/s11356-023-25785-0>
2. Litoriya, N. S., Patel, J. H., Thakor, P. M., Chauhan, N. R., Chawla, S. and Shah, P. G. (2023). Behaviour of trifloxystrobin and propineb as combination product in tomato (*Solanum lycopersicum*) and their risk assessment for human health. *Biomedical Chromatography*, 37 (9): e5660 DOI: <https://doi.org/10.1002/bmc.5660>
3. Litoriya, N. S., Vaghela, K. M., Patel, M. R., Parmar, K. D., Chauhan, N. R., Kalasariya, R. L., Chawla, S. and Shah, P. G. (2023). Method validation, dissipation and residue status of fluopicolide and fosetyl-aluminium in citrus using a rapid extraction method coupled with ultra-performance liquid chromatography-tandem mass spectrometry. *Biomedical Chromatography*, 37 (10): e5703 8. DOI: <https://doi.org/10.1002/bmc.5703>
4. Parmar, K. D., Litoriya, N. S., Patel, J. H., Shah, P. G., Chawla, S. and Kalasariya, R. L. (2023). Dissipation kinetics of fluopyram and trifloxystrobin following application of combination product in/on chilli and its consumer risk assessment. *Pesticide Research Journal*, 35 (1): 8-16. DOI: <https://doi.org/10.5958/2249-524X.2023.0002.X>
5. Kalasariya R. L. , Chauhan N. R., Parmar K. D. Litoriya N. S., Chawla S., Raj. P. V., Solanki P. P. and Shah P. G. (2022). Dissipation and risk assessment of SOLOMON (300 OD), a combination product of beta-cyfluthrin and imidacloprid in Lemon and Onion samples. *International Journal of Environmental Analytical Chemistry* GEAC. DOI: <https://doi.org/10.1080/03067319.2022.2060746>
6. Rathod, P. H., Shah, P. G., Parmar, K. D. and Kalasariya, R. L. (2022). The Fate of Fluopyram in the Soil–Water–Plant Ecosystem: A Review. *Reviews of Environmental Contamination and Toxicology*, 260(1). DOI: <https://doi.org/10.1007/s44169-021-00001-7>
7. Tripathy V., Sharma, K., Mohapatra, S., Siddamallaiyah, L., Nagapooja, Y. M., Patil, C. S., Saindane, Y. S., Deore, B., Cherukuri, S. R., Parmar, K. D., Litoriya, N. S., Shah, P. G. and Sharma, K. (2022). Persistence evaluation of fluopyram + tebuconazole residues on mango and pomegranate and their risk assessment. *Environmental Science and Pollution Research*, 29(22): 33180-33190. DOI: <https://doi.org/10.1007/s11356-021-17993-3>
8. Kalasariya R. L., Chauhan N. R., Parmar K. D., Litoriya N. S., Chawla S., Raj. P. V., Solanki P. P. and Shah P. G. (2022). Dissipation and risk assessment of Solomon (300 OD), a combination product of beta-cyfluthrin and imidacloprid in Lemon and Onion samples. *International Journal of Environmental Analytical Chemistry*, 104 (10), 2334-2351. DOI: <https://doi.org/10.1080/03067319.2022.2060746>



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9. Kalasariya, R. L., Chauhan, N. R., Parmar, K. D., Litoriya, N. S., Chawla, S., Raj, P. V., Solanki, P. P. and Shah, P. G. (2022). Dissipation of combination product of novaluron 9.45% + lambda-cyhalothrin 1.9% ZC (GPI 1316) in/on red gram and soil samples and its risk assessment. *International Journal of Environmental Analytical Chemistry*, 1-22. DOI: <https://doi.org/10.1080/03067319.2022.2060746>
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