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Dr. Arvind

Assistant Professor Department of Zoology, Chaudhary Devi Lal University

Qualification

- Ph.D from Chaudhary Charan Singh Haryana Agricultural University
- UGC-CSIR NET
- M.Sc from Chaudhary Charan Singh Haryana Agricultural University

Experience

Teaching Experience

- Assistant Professor CRM Jat College, Hisar (contract basis 2018-19)
- Assistant Professor Department of Zoology Chaudhary Devi Lal University (contract basis 2019-Current)

Workshops:

1) Workshop on Scientific/ Technical writing organized at CCS Haryana Agricultural University, Hisar on 18^{th} -19^{th} April 2017.
2) Workshop on Capacity Building on IPR Instruments (May 6, 2017), CCS Haryana Agricultural University, Hisar.

List of Research Articles/ Paper Publications:

1) Anita, Gulati, R., Kaushik, H.D. and **Arvind**. 2013. Effect of *Tyrophagus putrescentiae* Schrank on weight loss in stored oats and green gram. *Annals of Plant Protection Sciences*, **21**(1): 90-93.
2) Anita, Gulati, R., **Arvind**. and Kaushik, H.D. 2014. Efficacy of *Ocimum sanctum* and *Glycyrrhiza glabra* against stored Mite, *Tyrophagus putrescentiae* Schrank in oat flakes. *Biopesticides International*, **10**(1): 41-49.
3) Anita, Gulati, R., Monika, Kaushik, H.D. and **Arvind.** 2014. Quantitative losses in green gram [*Vigna radiata* (L.)] Wilczek) due to *Tyrophagus putrescentiae* (Schrank) (Acari: Acaridae). *Legume Research*, **37**(6): 670-674.
4) **Arvind**, Gulati, R. and Anita. 2015. Comparative susceptibility and weight loss of wheat grains and flour due to *Tyrophagus putrescentiae* (Schrank). *Annals of Plant Protection Sciences*, 23(2): 246-249.
5) **Arvind**, Gulati, R. and Poonia, A. 2016. Effects of infestations by *Tyrophagus putrescentiae* [Schrank] [Acari: Acaridae] on biochemical composition of wheat grains. *International Journal of Agricultural Sciences*, **8**(50): 2133- 2136.
6) Duhan K, Gulati, R., **Malik, A**. and Singh, S. 2017. Comparative evaluation of population dynamics of *Tyrophagus putrescentiae* Schrank (Acari: Acaridae) on fruiting body of *Pleurotus sajor caju* at different composition. *Journal of Entomology and Zoology Studies*, **5**(3): 1565-1567.

7) Duhan K, Gulati, R., **Malik, A**. and Singh, S. 2017. Qualitative losses in nutritional contents of *Pleurotus sajor-caju* (Oyster mushroom) in both compost and fruiting body by *Tyrophagus putrescentiae* (Acari: Acaridae) at different infestation levels. *Chemical Sciences and Reviews (International)*, **6**(23): 1980-1983.

8) **Malik, A**, Gulati, R., Duhan K. and Poonia, A. 2017. Comparative efficacy of different concentrations of *Withania somnifera*, *Pongamia pinnata* and *Azadirachta indica* against *Tyrophagus putrescentiae* (Schrank) (Acari: Acaridae) in wheat grains. *Journal of Entomology and Zoology Studies*, **5**(4): 996-1001.

9) **Malik, A**, Gulati, R., Duhan K. and Poonia, A. 2018. *Tyrophagus putrescentiae* (Schrank) (Acari: Acaridae) as a pest of grains: A review. *Journal of Entomology and Zoology Studies*, 6(2): 2543-2550.

10) Duhan K, Gulati, R., **Malik, A**. and Singh, S. 2018. Loss estimation in Oyster mushroom compost and fruiting bodies due to infestation of *Tyrophagus putrescentiae* (Acari: Acaridae). *Agricultural Research Journal*, **55** (1): 175-178.

11) **Malik, A**, Gulati, R., Duhan K. and Singh, S. 2018. *Tyrophagus putrescentiae* as causative agent of dry bubble disease and green mould disease in *Agaricus bisporus*. *Journal of Entomology and Zoology Studies*, **6**(2): 1197-1200.

12) **Malik, A**, Gulati, R., Duhan K. and Singh, S. 2018. Efficacy of methanolic leaf extract of *Pongamia pinnata* against *Tyrophagus putrescentiae. Annals of Agri-Bio Research* **23**(1): 90-93,2018.

List of Abstract in Seminars/ Conference:

1) **Arvind**, Anita and Gulati, R. 2012. Potentiality of mites in qualitative and quantitative deterioration of stored grains. In: *International Conference on Biotechnology: Emerging trends* (ICB 2012), September 18-20, 2012, Sirsa, India. (Abstract book) 44-45 pp.

2) **Arvind Malik**, Gulati, R, Anita. and Hooda, A. 2014. Stored Mites as Source of Allergens. In: *National Seminar on Reorientation of Agricultural Research to Ensure National Food Security* (RARFS-2014), January 6-7, 2014, Hisar, India. (Abstract book) pp.232.

3) **Arvind**, Gulati, R, Anita. and Kaushik, H.D. 2014. Genetic basis of immunogenicity in *Tyrophagus putrescentiae* schrank (Acari: Acaridae). In: *International Conference on Emerging Trends in Biotechnology* (ICETB 2014) November 6-9, 2014, New delhi, India. (Abstract book) M36-M37 pp.

4) **Arvind**, Gulati, R, Anita. and Kumar, M., 2015. Effect of stored mite infestation on biochemical composition of wheat grains. In: *International conference on Emerging Trends in Basic & Applied Sciences MAY 1-2, 2015*, Baddi, H.P., India. (Abstract book) pp 66.

5) **Arvind**, Itisha, Rachna Gulati, Komal and Surjeet Singh (2016) Cross antigenic and allergenic properties of house dust mite,*Dermatophagoides farina* and the storage mite,

Tyrophagus putrescentiae In: National Conference on Biotechnology held on February 11-12, 2016 in Chaudhary Devi Lal University, Sirsa.(Abstract book) pp.112-113.

6) **Arvind**, Rachna Gulati , Komal and Itisha (2016) Acaricidal effects of *Withania somnifera* L. against stored product mite, *Tyrophagus putrescentiae*. In: *National level Seminar in Recent approaches to sustainable Research & Development of aromatic and medicinal plants* held on February 29, March, 1, 2016 in CCS HAU Hisar. (Abstract book) pp. 123-124.

7) **Arvind**, Puneet Beniwal and Suresh Kumar (2019). Morphological and Physiological Genetic Traits Amelioration in Mites. National conference on Biodiversity & Environmental Sustainability in Modern Era held on 16 February 2019, Department of Zoology, CRM Jat College Hisar. (Abstract book) pp. 2.

8) **Arvind Malik** and Rachna Gulati (2019). *Tyrophagus putrescentiae Schrank* as vector in dispersal of basidiospores. National seminar on Biodiversity issues, Challenges and Opportunities held on july 16-17, 2019, Department of Zoology and Aquaculture, CCS Haryana Agricultural University. (Abstract Book) pp 88.