



Utility of plant essential oils for urban pest management



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Date: USA: October 4, 2020 (Sunday); Nepal: October 5 (Monday)

Time: 9 pm (US Eastern time); 6:45 am (Nepal time)

Webinar via zoom: Join from PC, Mac, Linux, or mobile device:

<https://uky.zoom.us/j/93257988210> Meeting ID: 932 5798 8210

Talk overview: Dr. Gaire will be giving an overview of the plant essential oils research that he has done in his M.S. (at New Mexico State University) and Ph.D. (at Purdue University) programs. More specifically he will share the insecticidal activities of various plant essential oils and their constituents in two urban pests (bed bugs and Turkestan cockroaches). Additionally, he will present the novel basic toxicology research on the mode of actions (neurophysiological impacts and detoxifications enzymes inhibitions) of botanical compounds in bed bugs.