Topical Collection

Integrated Management and Impact of Stored-Product Pests

Message from the Collection Editor

Food security is an issue that will impact everyone by 2050, when it is projected there will be a global crisis if continued gains through improved food and agricultural production are not achieved. This is especially problematic given that COVID-19 has had a further and profound impact on hunger and food security. Integrated pest management (IPM) is a management plan where multiple approaches to managing pests compose a multi-pronged approach to combatting post-harvest product loss. Management plans can consist of preventative methods such as sanitation and long-lasting insecticide-treated netting or insecticide-impregnated packaging, pheromone baited trapping systems, sticky traps, fumigations, or aerosol sprays, and many more methods that account for differences in timing and spatial variation of insect populations. This Special Issue will highlight research conducted to understand how different IPM technologies may relate to one another and may each play a role in managing pests within post-harvest systems. Dr. Deanna S. Scheff

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Message from the Editor-in-Chief

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