Posters

The poster session is on Wednesday, March 21, 4:30-6:30 pm in the hotel. While all posters will be displayed throughout the symposium, authors are asked to stand by their posters according to their poster number: odd numbers from 4:30-5:30 pm and even numbers from 5:30-6:30 pm.

P1 - Be part of the buzz! A live conversation about biocontrol at the 9th International IPM Symposium
P2 - Hedgerow benefits align with food production and sustainability goals
P3 - Soil solarization for integrated pest management in the Pacific Northwest (USA)
P4 - Weather and climate driven models for IPM and invasive species management
P5 - Grower valuation of the Network for Environment and Weather Applications
P6 - The effects of mulching leaves in place on tick populations in lawns and parks
P7 - Occurrence of egg parasitism in the exotic pest brown marmorated stink bug and the native beneficial spined soldier bug in three Maryland habitats
P8 - Insights into winter survival strategies of North American hover flies (Syrphidae) and the implications for pollination and conservation biological control
P9 - The impact of organic crop rotations and ecological weed management strategies on soil quality
P10 - Evaluation of anaerobic soil disinfestation for ecofriendly weed management
P11 - Reaching out to the big sky
P12 - Make a difference? Make an IPM impact graphic!
P13 - Regional IPM and IR-4 collaboration: Assessing pesticide compatibility in an IPM program
P14 - DPH: Optimizing IPM for maximal impact
P15 - Success of interdisciplinary professional doctoral programs
P16 - Organic and IPM working group
P17 - Vermont’s Extension IPM program addresses diverse stakeholder needs
P18 - Nebraska Extension Team: Protect beneficial insect ecosystems including pollinators
P19 - Nebraska extension resistant/invasive issue team #IRPESTS
P20 - Lessons learned and best practices for developing IPM online trainings
P21 - Arkansas mini-grants - A county based ipm program
P22 - North Dakota State University Extension pest management app
P23 - Virtual plant clinics cultivate new ideas and collaborations
P24 - Maryland invasive training and outreach programs
P25 – Not being presented
P26 - Worker Protection Standard for organic and small farms
P27 - Pesticide Risk Tool: Reducing and reporting pesticide risks in IPM and sustainability initiatives
P28 - Green Shield Certified and IPM STAR pest management certification programs
P29 - The Sustainable Food Group introduces the Sustainability Standard
P30 - Adoption of proactive resistance management practices to control *Bemisia tabaci* in Arizona and California
P31 - Minimum risk pesticide active ingredient profiles
P32 - Repeated temporal rotation from nontoxic bait to a cholecalciferol rodenticide enhances control of a wild house mouse population
P33 - Entomotoxicant potential of Croton penduliflorous extract in the control of subterranean termites Macrotermes subhyalinus
P34 - Protecting water resources with on-farm pesticide rinsate biobeds: A Canadian perspective
P35 - The Prairie Pest Monitoring Network: A coordinated monitoring of field crop pests of the Canadian Prairies
P36 - Illustrating the benefits of a strategic approach to reduced risk pest management: The case of foliar insect pests of prairie field crops in Canada
P37 - Cereal Aphid Manager: A dynamic action threshold smartphone application for scouting cereal aphids
P38 - Integrated management of wheat midge infestations in wheat crops of Western Canada
P39 - Baseline regulation of key genes in the phenylpropanoid pathway and their role in defense against biotic stresses in Maize
P40 - Antixenotic potential in pulses against the pea aphid Acyrthosiphon pisum (Harris)
P41 - Susceptibility of small-seeded legumes to infestation by pea aphid Acyrthosiphon pisum (Harris)
P42 - Integrated management of glyphosate-resistant horseweed [Conyza canadensis (L.) Cronq.] with tillage and herbicides in Nebraska soybean (Glycine max (L.) Merr.)
P43 - Tools are available for integrated management of glyphosate-resistant common ragweed (Ambrosia artemisiifolia L.) in Nebraska soybean
P44 - Diagnosis of diseases caused by Diaporthe (Phomopsis) species on soybean in the United States
P45 - Comparison of a putative novel species of Phythium to other Phythium spp. for pathogenicity on soybean seed.
P46 - Validation of chemical and non-chemical based IPM module against major sucking pest of rice (Oryza sativa L.)
P47 - Cropping intensity driven microclimate is influencing abundance of ground foraging predators in coffee farmlands
P48 - Biology-based strategies for integrated management of Rhizoctonia solani in soybean fields
P49 - The effect of fungicide application methods on foliar diseases, seed quality, and yield protection in soybean
P50 - A meta-analysis and economic evaluation of soil and seed applied insecticide use in Indiana maize
P51 - Soil insecticide and insecticidal seed treatment impacts on timing of northern corn rootworm beetle emergence from Bt corn
P52 - Co-inoculation of Burkholderia ambifaria C628 and Bacillus simplex R180 reduced Fusarium root rot disease in corn
P53 - Developing a sequential sampling protocol for scouting sugarcane aphid, Melanaphis sacchari Zehntner in sorghum
P54 - Development of a prediction model to improve disease management in sunflower (Helianthus annuus)
P55 - Dispersal of wheat curl mite from virus infected winter wheat
P56 - Overwintering potential of Puccina striiformis f.sp. tritici in North Dakota, USA
P57 - Detecting sugarcane aphid (Melanaphis sacchari) infestation in grain sorghum (Sorghum bicolor) using leaf spectral response
P58 - Risk assessment of pea seed-borne mosaic virus (PSbMV) infecting field pea
P59 - Fungicide treatments and wheat cultivar resistance: Two key strategies to effectively manage Fusarium Head Blight and Deoxynivalenol in southeastern Nebraska
P60 - Rolled rye for weed suppression in black bean and soybean
P61 - Adapting established IPM strategies to emerging pests: A tale of two stem borers in sugarcane
P62 - Predators associated with sugarcane aphids and their impact on aphid suppression in sorghum in High Plains
P63 - Comparing patterns of injury associated with potato leafhopper (Family: Cicadellidae) feeding across different alfalfa (Medicago sativa) cropping systems
P64 - The status of western bean cutworm, Striacosta Albicosta (Smith), in New York State
P65 - Trichogramma ostriniae takes on a new challenge: Western bean cutworm, an invasive pest in New York
P66 - Automated monitoring traps for detection of western bean cutworm (Striacosta albicosta)
P67 - Improving degree-day models for the flight phenology of western bean cutworm (Lepidoptera: Noctuidae)
P68 - What is going on with the western bean cutworm on corn in Mexico?
P69 - Integrated pest management and the role of spiders within Nebraska agroecosystems
P70 - Screening of entomopathogenic fungi from West Central Nebraska against key pests of corn
P71 - Nebraska growers’ and crop consultants’ knowledge and implementation of IPM of western bean cutworm
P72 - Dispersal and avoidance behavior of western bean cutworm when exposed to Bt maize
P73 - Characterizing larval movement of western bean cutworm in field maize
P74 - Western bean cutworm feeding damage on Bt hybrids and implications for economic injury levels
P75 - Flight of the western bean cutworm: population patterns of a noctuid pest over the past 30 years
P76 - Differences in midgut gene expression between Bt exposed and unexposed Western bean cutworm
P77 - Landscape-level effects among western bean cutworm developing on Cry1Fa & Vip3A corn in block and blended refuge plants
P78 - Survey of bees and syrphid flies associated with flowering soybean in the midwestern United States
P79 - Economics of Lygus hesperus management in Texas High Plains cotton
P80 - Evaluation of efficacy of PB ropes in different ecological zones of Punjab, Pakistan
P81 - Multi-crop analysis to study the impact of weather parameters on population of beneficial insects in district Sahiwal in Pakistan
P82 - The efficacy of field-collected fungal pathogen against green stinkbug in the Maryland
P83 - The use of native entomopathogens in integrated management of granary weevil Sitophilus granarius (L.) (Coleoptera: Curculionidae)
P84 - Adding risk associated with weed management to a decision support system for peanut
P85 - Extension of information to farmers from research in Ghana designed to mitigate aflatoxin contamination in peanut
P86 - Parasitism of the invasive brown marmorated stink bug by a native tachinid fly
P87 - Estimating the trapping area of the brown marmorated stink bug pheromone
P88 - An IPM answer to grape rootworm, a reemerging vineyard pest
P89 - The tale of two nepoviruses in Washington state vineyards
P90 - Field-level fungicide exposure to honey bees (Apis mellifera) during orchard bloom in Michigan
P91 - Straw mulching enhances productivity of virus-infected passion fruit in Uganda
P92 - Right to the core: How Eco Apple® successfully reduced pesticide risk in northeast apple production
P93 - Improving integrated pest management of leaffooted bug on almond and pistachio in the San Joaquin Valley
P94 - Susceptibility of peaches, plums and cherries to spotted wing Drosophila in western New York
P95 - Effect of plant extract Ruta graveolens against the date scale, Parlatoria blanchardi Targ., (Homoptera, Diaspididae) at Biskra oasis, Algeria
P96 - Horizontal transfer of reduced-risk pesticides between oriental fruit fly Bactrocera dorsalis (Hendal)
P97 - Management of Tetranychus urticae on strawberries using UV-C irradiation
P98 - Invasive honeysuckle increases populations of the invasive vinegar fly, spotted wing Drosophila
P99 - Seasonal activity of Drosophila suzukii Matsumura (Diptera: Drosophilidae), in North Dakota fruits
P100 - Pest management on new cranberry plantings: Horticultural, regulatory, and economic drivers
P101 - Monitoring spotted wing Drosophila through a statewide network in Ohio
P102 - Testing novel attractants for Drosophila suzukii
P103 - Integrated Pest and Pollinator Management: Investigating impacts of different pesticide programs on pollinator communities in commercial orchards
P104 - Current distribution of the samurai wasp, Trissolcus japonicus, in North America
P105 - Integrating cultural, behavioral, and chemical strategies to improve organic management of spotted wing drosophila
P106 - Evaluation of baits for integrated pest management (IPM) of ants in tropical fruit crops in Espírito Santo, Brazil
P107 - Integrated pest management of longan in Vietnam
P108 - Ukiah High School Cockroach Project: IPM is a community effort
P109 - Site specific management of nuisance geese on school properties: A case study from New York State
P110 - Recognizing excellence in school integrated pest management
P111 - Stop School Pests online integrated pest management training courses for school employees
P112 - The effect of IPM outreach to schools via webinars
P113 - Engaging School Nurses to Promote IPM
P114 - City-wide invasive formosan termite monitoring project in Jacksonville, Florida
P115 - Evaluation and modeling of TickBot: A tick-killing robot
P116 - The Public Tick IPM Working Group enhances tick-borne disease stakeholder collaboration
P117 - New tools in the vector management IPM toolbox
P118 - Integrated pest management of mosquitoes: A case study of West Nile virus in California
P119 - Cost-benefit analysis of total release foggers (TRFs)
P120 - Impacts of promoting Integrated Pest Management (IPM) in home gardens and landscapes through the Vermont Extension Master Gardener Helpline
P121 - Integrated pest management programming for community gardeners
P122 - IPM education and outreach to urban and community audiences in California
P123 - Urban gardens as a platform for experiential learning: Pollinator conservation, citizen science, and sustainability
P124 - An IPM approach for the control of the common bed bug, Cimex lectularius L.
P125 - Making the connection: IPM, in-home childcare, and asthma in Chicago’s most at risk neighborhoods
P126 - Entireleaf morningglory in paddy field’s levee invades paddy field
P127 - An innovative IPM solution for management of the invasive aquatic weed hydrilla
P128 - Interactivity among fungi, select Pinus-associated insects and the Pinewood nematode in Louisiana
P129 - An integrated management approach to controlling invasive sea lamprey in the Great Lakes
P130 - Weeds as source of inoculum of Diaporthe gulyae, the causal agent of Phomopsis stem canker of sunflower
P131 - Understanding the population dynamics of arthropod pollinators and their host preferences at the UMES campus
P132 - Connecticut Integrated Pest Management Program
P133 - Ecological IPM: Master Gardeners learning sustainable ways to manage insects in landscapes and gardens
P134 - Recently established invasive pests on California ficus trees: identification, impact, and management
P135 - Novel SAR biopesticide LifeGard® bolsters resistance management toolbox
P136 - Feed ’em and weep? Fertilizer effects on aphid population growth and biocontrol in greenhouse crops
P137 - Control of Phytophthora root rot disease of hydrangea using biorational products and fungicides
P138 - Management of Cercospora leaf spot of hydrangea using biorational products and fungicides
P139 - Augmentative biological control of twospotted spider mite on hops in the midwest
P140 - Creating a buzz for IPM in turf care using innovative community engagement
P141 - Partnering with industry to deliver IPM continuing education to Florida’s turfgrass professionals
P142 - Detection of Pythium spp. in golf course irrigation systems
P143 - Incorporating organic amendments to enhance control of dollar spot on bentgrass fairways
P144 - Fungal communities infecting creeping bentgrass continuously change during the first six months
P145 - Use of unmanned drones in Maryland nurseries as part of our IPM outreach
P146 - Field trials to evaluate low risk pesticides for Japanese Beetles, Popillia Japonica, in nurseries
P147 - New resources on thrips IPM in greenhouse production
P148 - Optimizing irrigation management can reduce pesticide loss in nursery production
P149 - Developing and implementing effective integrated pest management strategies for specialty crop growers in north Florida
P150 - Use of multiple natural enemies to manage whiteflies on poinsettias
P151 - Population dynamics and control of the crapemyrtle bark scale
P152 - Control effect based on yellow-sticky-board against Bemisia tabaci
P153 - Repetitive overseeding of athletic fields for organic weed management
P154 - Managing virus diseases in vegetable and legume crops in Bangladesh, Cambodia, and Nepal
P155 - Using multiple plant biostimulants in vegetable systems can increase yields and fruit quality, but not consistently
P156 - Antagonistic potential of Bacillus amyloliquefaciens against major tropical vegetable pathogens
P157 - Potato Sustainability Initiative: Continuous improvement in sustainable potato production
P158 - An IPM approach to reduce wireworm damage in potatoes
P159 - Buffering of soil microclimate through soil amendments and mulching has potential in management of insect-vectored virus diseases of tomato
P160 - Genome sequencing and development of SNP genotyping assay for identification of Tuta absoluta
P161 - Sweet corn pest population trends over 10 years in Maine
P162 - Sweet Corn Scout—A new mobile application to help growers identify and scout for sweet corn pests
P163 - Evaluation of alternative weed control methods for horticultural crops
P164 - Integrated management of cabbage maggot in brassica vegetables in Canada: 20 years searching for solutions
P165 - Successful adoption of action threshold-based insecticide programs for thrips management in onion
P166 - Making rational pest management decisions for organic production of amaranthus in North Carolina
P167 - Aphid tower trapping results in Maine
P168 - Promoting sustainable, biologically-based pest management systems for improved vegetable production in high tunnels
P169 - Developing an attract and kill approach for harlequin bug, Murgantia histrionica (Hemiptera: Pentatomidae)
P170 - Capacity building in small farm IPM at Alcorn State University
P171 - Living mulch as a tool for integrated weed management in organic vegetables
P172 - Evaluation of host preference of brown marmorated stink bug, Halyomorpha halys, on bell peppers
P173 - Effect of trichoderma species on emergence indices, infection incidence and growth performance of sweet pepper
P174 - Resistance of genetically-diverse soybean varieties to insect pests in the eastern shore of Maryland
P175 - Pests, an unwanted side effect of tropical storms