



Parasitoids of the Brown Marmorated Stink Bug

A specialized training workshop



The brown-marmorated stink bug, *Halyomorpha halys*, is an invasive species native to Asia. Since its confirmed detection in the U.S. in 2001, *H. halys* has become a serious agricultural and nuisance pest. Preliminary surveys have shown that some indigenous natural enemies, including hymenopteran and dipteran parasitoids, will attack *H. halys* in the U.S.

The goal of this two-day workshop is to provide participants who plan to conduct their own surveys with the tools necessary to identify indigenous parasitoids of *H. halys*. USDA ARS entomologists will provide an introduction to the parasitoid guild that has been found attacking egg and adult parasitoids of *H. halys* to date.

Participants will learn to identify parasitoids to family, genera, and species level using specimens collected in the Northeastern U.S. Examples of exotic Asian parasitoids currently undergoing host range evaluation as potential classical biological control agents will be included. A brief introduction to the identification of pentatomid egg masses other than *H. halys* will be given to interested participants.

Who should attend?

Entomologists, extension specialists, and graduate students working on brown marmorated stink bug biological control. Some prior knowledge of parasitoid taxonomy will be useful but is not required.

Organizers

Dr. Kim A. Hoelmer, Dr. Christine Dieckhoff, Kathy Tatman, and Ashley Colavecchio (U.S. Department of Agriculture – Beneficial Insect Introduction Research Unit, Newark, DE)

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