common throughout the Florida citrus industry, from 1995-1998, today native natural enemies, such as *Lysiphlebus testaceipes*, are effectively managing this pest. Effects of *Isaria fumosorosea* on this trophic system of aphid, parasitoid, and aphid parasitism were evaluated. Our results are in agreement with similar studies, and recent literature presents some intriguing aspects of entomopathogens as tools for insect pest management.

### Behavioral response of *Tamarixia radiata* Waterston (Hymenoptera: Eulophidae) to volatiles emanating from *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae), citrus, and opposite sex conspecifics.

R.S. Mann, J.A. Qureshi, P.A. Stansly and L.L. Stelinski. Citrus Research and Education Center, University of Florida, 700 Experiment Station Road, Lake Alfred, FL 33850, U.S.A. mannr3@ufl.edu

Olfactory responses of *T. radiata* to volatiles emanating from *D. citri* or plant volatiles as well as of male and female *T. radiata* to conspecifics of the opposite sex were examined using T-maze olfactometer and open arena bioassays. Our results provide behavioral evidence that female *T. radiata* use volatiles emanating from *D. citri* nymphs to locate their hosts and that female *T. radiata* release a volatile pheromone that attracts male conspecifics.

### Prospects for Area Wide Management of the Asian Citrus Psyllid in Florida

Phil Stansly, Alejandro Arevalo, Mong Zekri, Paul Mears, Joe Russo and Ron Hamel
SWFREC, University of Florida, 2685 SR 29 N., Immokalee, FL 34142, [http://swfrec.ifas.ufl.edu/entlab/](http://swfrec.ifas.ufl.edu/entlab/)

Control of citrus psyllid, *Diaphorina citri*, is probably the best documented method of slowing spread of huanglongbing or citrus greening disease that is ravaging Florida citrus. “Dormant” sprays directed against adults when trees are not actively growing has proven to be an effective control measure, especially when applied area wide. The next steps will be to integrate psyllid monitoring and decision making, biological and cultural controls into a true area wide IPM program.

### Does an alternative host promote or reduce huanglongbing in citrus? Orange jasmine and Asian citrus psyllids reared from jasmine maintain low titers of *Candidatus Liberibacter asiaticus*

Abigail Walter, David Hal1, and YongPing Duan
1 USDA-ARS, U.S. Horticultural Research Laboratory, Subtropical Insects Research Unit, Ft. Pierce, FL.
2 USDA-ARS, U.S. Horticultural Research Laboratory, Subtropical Plant Pathology Research Unit, Ft. Pierce, FL.

El uso de un hospedador alternativo, ¿promueve o reduce la enfermedad de cítricos huanglongbing? Las naranjas jazmín y el silido asiático del cítrico criados en naranjas jazmín mantienen bajas concentraciones de *Candidatus Liberibacter asiaticus*

La naranja jazmín, *Murraya paniculata*, es una planta hortícola común en Florida, y un hospedador alternativo del silido asiático del cítrico, *Diaphorina citri* Kuwayama. También se ha reportado que la naranja jazmín alberga la...