

CIPM's International Program – Fruit Fly Projects

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No pests have a greater potential impact on U.S. fruit and vegetable and trade than fruit flies



- Our goal: conduct applied and basic research, and survey tool development for preventing fruit flies from introduction and establishment in the continental U.S.

Global Collaborations

More than thirty institutes in West Africa, SE & Central Asia, and the Caribbean



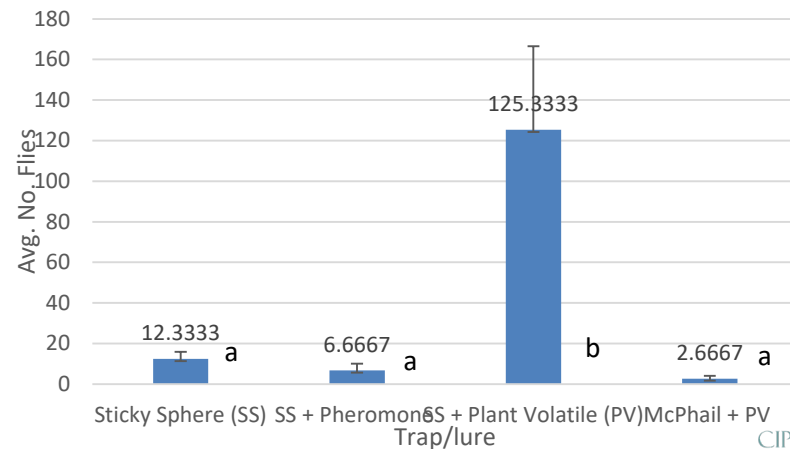
Outcomes

- ❖ Provided federal and state plant health regulatory agencies and other stakeholders with the critical scientific data and information for pest risk mitigation (preventing the pests from entering U.S.), and regulate, promote & smooth U.S. agricultural trade
- ❖ Discovered and developed high potent attractants
- ❖ Yielded fundamental knowledge about some of the most destructive fruit flies

A recent study on discovering and developing novel potent lure for detecting a citrus fruit fly – a collaboration with USDA-APHIS-PPQ-S&T



>100-fold increasing in attracting the fly



How can you help?

Collaborations

We have broad experience
in conduct field study in the
developing world



How can you help?

- ❖ Economically and environmentally sustainable fruit fly management techniques which will contribute to reduce poverty, to improve good health and well-being in the developing countries
 - Fruit and vegetable production plays a vital role in rural economies, human health, and safe and nutritious food security around the world
- ❖ Study of fruit fly biology and behavior for discovery new pheromones (pheromone & plant volatiles) and/or trap
 - Designing a better trap device which is more environment-friendly