Northeast Apple Crop-Pest Program (CPP)

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What is iPiPE?

From the iPiPE website, http://ipipe.org

There is a critical need to develop a national infrastructure of professionals who routinely monitor crop health and pest incidence then share this knowledge enabling dissemination of mitigation measures to limit food security impairment.

Sponsored by a USDA AFRI Cooperative Agricultural Project to change the culture in American agriculture to one of sharing agronomic pest observations and derivative information for the benefit of all stakeholders.

Want to learn more? Check us out!
Integrated Pest Information Platform for Extension and Education (iPiPE)
Cooperative Agricultural Project (CAP)
Request for Year 4 Crop-Pest Program Statement of Interest
Deadline: May 4, 2017
Request for new iPiPE Crop-Pest Programs (CPPs) for 2018. The iPiPE CAP will fund 7 new CPPs in 2018. We are seeking Extension professionals to coordinate CPP extension and education activities. The CAP will provide approximately $40,000/yr in 2018 and 2019 to each CPP Coordinator to conduct program activities focused on engaging stakeholders to submit pest observations and mentoring undergraduate student interns. The iPiPE CAP will also support programs that focus on organisms that are beneficial to crop production. No-cost extensions may be available for the subsequent year. The CPP grant application process involves two steps: (i) submitting a 1-2 page Statement of Interest and (ii) adapting Plan of Work and Budget template documents provided by the iPiPE CAP PDs to fit the needs of the proposed CPP. The first step does not require the involvement of your institution and thus is designed to be accomplished quickly. Only individuals selected to lead 2018 iPiPE CPPs will be asked to complete the second step.
OK, so what did we do with our app. $40K in 2017?

Hired two undergraduate students and one graduate student to coordinate their mentoring/activities

Primary job of undergraduate students was a weekly check of pheromone traps in 13 orchards throughout Massachusetts and contribute to iPiPE intern blog

Oriental fruit moth, codling moth, obliquebanded leafroller, spotted tentiform leafminer, dogwood borer, brown marmorated stink bug (and spotted wing drosophila)

And then enter data into iPiPE database, among other miscellaneous duties...
Integrated Pest Information Platform for Extension and Education

iPIPE Login
Email Address: clements@umext.umas
Password: ********
Login
Data Entry Form

- **Location Name**: MA-TFF
- **Phenology**: Harvest
- **Pest**: Halyomorpha halys
- **Survey Method**: Pheromone Trap
- **Survey Location**: Orchard Border
- **Pest Stage**: Adult
- **Presence**: yes
- **Pest Count (per trap)**: 1
- **Comments**: On green sticky trap
- **Template**: Upload, Download Template

**Observation date**: 2017-10-18
Unique Map Points: 3
Present: 7
Absent: 29
Suspect: 0
Observations: 36
Brown marmorated stink bug (BMSB) trap catches have been below threshold (very low numbers) all fall in Massachusetts. There have been a few adults and nymphs caught in or near pheromone traps in Worcester and Hampshire counties, but the numbers are well below what would require insecticide treatment. Trap catches have been high in CT, and were reported to be increasing in the Hudson Valley of NY late summer into early fall. For more information, see: http://ag.umass.edu/fruit/resources/brown-marmorated-stink-bug
Hello iPiPE community!

I'm very sorry I have been mute on my end for a while - the past few weeks have been long and quite tiring as I've been racing to help finish up some of the projects before I conclude my internship. But I want to take the opportunity to update you all on the progress made at NWREC these past few weeks. 

Hi everyone,

Last week, Paul and I removed the Spotted Tentiform Leafminer and Spotted Wing Drosophila traps from our orchards. The catches from these traps took a good amount of time to count, and the data we collected from them weren't particularly useful. This week we will take down these traps, clean them, and move them to the next orchard.
Lep pheromone trap catch in eastern MA orchard - 2017

Graph showing trap catch over time for OBLR, CM, and OFM.
What’s wrong with iPiPE?

Tries to be too many things to too many people…

Duplication of what we already do…

Interface is a bit (?) cumbersome and takes some time to learn…

Lack of buy-in by non CPP participants…

What happens when the money runs out…???