

## **Meeting Notes Agronomic Crops IPM Leadership Team**

March 21, 2013

The main goals of the meeting are to review progress since the team's last meeting (July 2012) and plan Lydia's activities for the 2013 cotton season. Also, the team will provide input for the EIPM proposal (due April 16).

We should aim for biannual meetings. Lydia will send out a doodle for another meeting in June or July.

### **Extension IPM Budget**

*What might we do differently, or where might we invest new resources?*

- We should invest in people. In part to do more on-farm demonstrations. There is a great need and stakeholders are asking for it. "Research" in a grower's field is considered Extension; research at a research center is research.
  - Half time support for an AiE to work with central AZ agents.
  - Half time weed science AiE.
- A little bit of operations money tied to IPM demonstrations.
- Some operations money to support early screening bioassays in the greenhouse for glyphosate and Staple resistance (initially). Bill and Lydia need a greenhouse with automated irrigation. It would be nice to have greenhouse space available at MAC.
- Overhaul of ACIS: Ayman has funds from an Extension SPI grant that might contribute to improvements to the website. Al, with Wayne's help, will draft a 2-page description of what we need and get an estimate and timeline from CALS web group. Peter is all for enhancing the website. Proper tagging is critical to ensure visitors easily find the information they seek.
- Some funding for producing video resources. Stakeholder surveys indicate no interest in social media with the clear exception of you-tube videos.
  - Ayman and Marco are both are doing videos and can help other team members.
  - The Plant Management Network could be a good option for making and distributing videos. They have a huge email list and send out web videos (slides with narration). Look up brown marmorated stink bug as an example of good video on the site. This is also a peer-reviewed outlet.
- Ayman wants to document outcomes and impacts in forage and grains. Alfalfa pest losses + chemical use surveys are potential resources. If alfalfa losses is too intimidating or large a project initially, we could focus on developing a chemical use survey. We also need a corn mite control survey and a survey about aphids in barley.

### **What activities will Lydia be doing for EIPM?**

**Now**

- 50% of her activities are funded by EIPM and "team determined"
  - glyphosate resistance screenings

- Alfalfa EAW thresholds studies
- IPM shorts
- 50% of her activities are determined by other external grants
  - WIPMC publications grant- natural enemies field guide
  - Lesquerella herbicide tolerance study
  - Crop Pest Losses
  - WRIPM grant

### **Future**

- Ayman: pending WIPMC grant (10%)
- WIPM Center Crop Pest Losses Signature Program (20% funded for next 3 years)
- WRIPM grant to do PRiME Analysis of cotton pesticide use data (nominal %)
- Bill has a collection of funding sources related to glyphosate resistance in Palmer amaranth. Work is most intense April – early July. (10 – 20% of her time)

Ayman's Blog – Please run it by Lydia and the team and ensure we are able to distribute IPM Shorts on the blog.

Ayman is interviewing 2 ASU students on Monday for a student summer position. He will also have a summer Extern and is hiring a program coordinator who will be hired for one year with the potential to continue if funding is available.

### **Other Outputs?**

- Pat Clay had a time-lapse camera. Do we know where it is? Can we track it down? Bill would like to use time-lapse photography for herbicide symptoms and in phenology studies of Palmer amaranth susceptibility to herbicides.

### **Ayman's alfalfa study at MAC**

- Doing a pilot study to develop economic thresholds for EAW. The existing threshold is old and not used. He is trying to validate his study technique first. The WIPMC grant he recently submitted would fund a full study to develop new EAW thresholds and address management of the aphid complex in alfalfa.