Florida MP3 Evaluation: 2016
preliminary survey results

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Measuring Success

- Baseline data collection
  - current knowledge, perceptions, behavior, communications and needs related to pollinator and pesticide awareness

- Three Surveys
  - Beekeepers - 310
  - Growers - 150
  - Applicators - 242
Measuring Success

- **Respondent Type**
  - Beekeepers – 65% hobbyist
  - Growers – 70% fresh produce
  - Applicators – 47% residential/commercial lawn & landscapes

- **Motivators**
  - Beekeepers – 35% colony losses due to pests (33% pesticide exposure from nearby agricultural operations)
  - Growers – 35% constraints on pesticide use while honey bees are present
  - Applicators – 62% prevent the misuse of a product
Are you aware of the Florida Managed Pollinator Protection plan outlined on the Florida Bee Protection website, www.floridabeeprotection.org?
Which Practices Have you Adopted to Reduce Risk of Pesticides to Bees?

- Selection of less toxic products (i.e., without pollinator warnings)
- Selection of less toxic formulations (i.e., from micro-encapsulated to granular products)
- Change in application technique (i.e., switch from aerial spray to drip)
- Changed the time of application to when bees are not foraging
- Notified the beekeeper 48 hours prior to a pesticide application
Do you use the FDACS Apiary Mapping Service?

- Growers
- Beekeepers
- Applicators

- Yes
- No
Where are our participants seeking pesticide or pollinator awareness information?

- In the past year, did you contact an agricultural extension service for assistance with pollinator or pesticide-related concerns?  
  - > 80% NO

- In the past year, did you contact FDACS for assistance with pollinator or pesticide-related concerns?  
  - > 90% NO
What means would you be willing to use to notify beekeepers of upcoming pesticide applications that may be potentially toxic to bees (landowners of an apiary location that may affect their decision to use pesticides)?

- Email notification
- Phone call or text message
- Data input on mapping website
- I would prefer not to notify
- Other
Preliminary Conclusions

- Commercial beekeepers and agricultural applicators not represented adequately in this first survey, low response from growers
- Overwhelming outreach needs – will focus on train the trainer activities
- Multiple forms of communication would potentially work to disseminate MP3 information
- Baseline information shows room for improvement
Thank You!

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