Welcome, Goals and Process of the IR-4 Biopesticide Workshop.

Atlanta, GA  Sept 10, 2014

Michael Braverman
Change grant program

PROPOSAL

PRIORIT
WORKSHOP PROCESS

- NEEDS REQUESTS
- PRESENTATIONS/DISCUSSION
- VOTE
- Ranked Priorities
- Post-workshop
  Public sector scientists
  Industry-Products
  IR-4 NRPM

$ $$ $$ Efficacy protocols
Needs Requests

Received requests online

Accept requests from the floor today - Form

Organic needs - Organic requests
Presentations-What to listen for.

HOW CAN BIOPESTIDES FIT INTO A CONVENTIONAL SYSTEM, ORGANIC SYSTEM and PART OF AN IPM STRATEGY.

Resistance Management- Antibiotics, varroa mite, SWD

REI-Re-Entry Intervals- Protective equipment and ease of cultural practices-Greenhouse.

PHI-Pre-Harvest intervals: Greenhouse. Multiple harvest crops

Residue Mitigation- Avoiding residues and maintaining export markets through use of biopesticides.

Sole choice/no conventional alternatives- Viral diseases, aflatoxin, bacterial diseases.
Presentations 10 minutes

To the Point

BREIF
CONCISE
SUCCINCT
SHORT
TERSE
CURT
SNAPPY
DISTILLED
MASSED
FOCUSED
CONCENTRATED
AIMED
INTENSE
RESOLUTE
CONVERGED
Restructuring the Grant Program

10:15 – Noon  Presentations
12:00       LUNCH
1:00 – 3:00  Additional Presentations
3:00 – 3:15  Break
3:00 – 4:00  Industry Presentations
4:00 – 4:15  Discussion
4:15-4:40.   VOTE
4:40-5:00   Vote recap- Discussion

Agenda-List Priorities-New request form-Overview BP Program-Workshop survey
Voting considerations

GREATEST NEED - What is the HIGHEST PRIORITY?

---------- Secondary considerations----------

Are there efficacious products to evaluate to fit that need?

Registration status?

Fit into real world systems/IPM?

Product cost?
GREATEST NEED—What is the HIGHEST PRIORITY?

--------- Secondary considerations---------

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Product cost?
The IR-4 Project

VOTING

IR-4 is a National Program
TOTAL 5 VOTES

Vote 5 times on the same priority

Vote different priority on all 5 votes

Vote 3 times on one priority and 2 times on another priority

Careful look- Need in organic production- Please look if it is for organics. **If its not requested, you can’t vote for it!**

SWD-organic fruit? Fireblight organic apples? Vegetable transplants?
<table>
<thead>
<tr>
<th>Fruit</th>
<th>Other/General</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic</td>
<td>Public Health</td>
</tr>
<tr>
<td>Ornamentals</td>
<td>Vegetables</td>
</tr>
</tbody>
</table>

Spread your vote over several requests or decide on your top priority

*We must, indeed, all hang together or, most assuredly, we shall all hang separately.*

*(Benjamin Franklin)*
### VOTING and approximate Funding

<table>
<thead>
<tr>
<th>GROUP</th>
<th>Number of votes</th>
<th>% of votes</th>
<th>% funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit</td>
<td>400</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Organics</td>
<td>100</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Ornamentals</td>
<td>50</td>
<td>5</td>
<td>5</td>
</tr>
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<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Vegetables</td>
<td>300</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,000</strong></td>
<td></td>
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</tbody>
</table>

Minimum of 1 Organic priority
Paper 1st
(Ballots after presentations complete)

BOTH

Electronic-online
(Own laptop, phone or Stations)
Paper 1st
(Ballots after presentations complete)

EXAMPLE:

41. ___3___ Public Health/Tick

5. ___2___ Citrus canker/citrus

MUST total 5
Electronic-online
(Own laptop, phone or our polling stations)

Name, Affiliation

First Dropdown Menu
Second Dropdown Menu
Third Dropdown Menu
Fourth Dropdown Menu
Fifth Dropdown Menu

Industry can vote to help me know where your interests are but not counted in ranking.
Workshop Steering Committee

IR-4 HQ- Michael Braverman, Jerry Baron, Dan Kunkel, Bill Barney

Organic- Mat Ngouajio, Bill Wolf, Brian Baker

Commodity/Disciplines- Michael Bledsoe, Joe Bischoff

Biopesticide Industry- Bill Stoneman, Bob Holm

Research- Ralph Scorza, Steve Duke
THANKS

• IR-4 Regional/USDA Coordinators- Useful comments website and structure.

• Krista Coleman, Diane Infante and Sherrilynn Novack- Voting and workshop materials

• Cheryl Ferrazoli- Registration and event planning.

• IR-4 PMC –Approving 1st Biopesticide Workshop.

• All stakeholders for submitting requests,
Major funding for IR-4 is provided from Special Research Grants from:
* USDA-NIFA
* USDA-ARS
* USDA-FAS and
* USDA-APHIS

and is provided in cooperation with the State Agricultural Experiment Stations. These stations provide in-kind support valued at over $18 million annually.