National IPM Committee Joint Meeting
October 6 - 7, 2009
Room 3109 USDA South Building
1400 Independence Avenue, SW, Washington, DC 20250-9911

Agenda and Committee Membership:
See appendices

Introductions - Frank Zalom, ESCOP Co-Chair, Ed Rajotte, ECOP Co-Chair

New NIFA Themes
Current version of themes that will direct RFAs and funding and will serve as new organizational units for personnel:

1. Youth and community development
2. Bioenergy and climate change and environment
3. Food production and sustainability (IPM staff will likely be housed in this unit)
4. Food safety and nutrition

We discussed that IPM can fit into any of these themes. Rajiv Shah is the new USDA Under Secretary for Research, Education and Economics (Note: has left for another agency) and Roger Beachy is the new NIFA Director.

Extension IPM Program
NPL: Marty Draper

FY2010 Funding Available:

- Coordination grants: $8.3 mill (but may be up to $500,000 higher)
- Support grants: $300,000

The new RFA is anticipated to be released ca. October 15, 2009 and deadline will be mid Dec. The RFA will probably will allow for multiple year awards for the first time.

Nine major feedback comments from stakeholder input:

1. Recognize great value in having a network of IPM programs across states and funding of infrastructure is critical to maintaining program function
2. Base IPM funding is requisite to states’ leveraging of additional IPM funds
3. Importance of stakeholder involvement recognized
4. Need a more formula-like distribution of funding for all or part of program
5. Duration of awards should be longer than one year
6. Make extra effort to enhance review panel instructions and evaluation criteria due to the complexity of the program
7. Request the ability to host mini-grants/sub-awards in state programs
8. Request that FY2010 RFA be simplified in the budget portion, remove funding caps from areas of emphasis, increase page limits, emphasize program flexibility, and release RFA earlier
9. Support a limit of one application submission per institution

Committee Discussion of E-IPM Program:

Concern was expressed that we don’t want to give the impression that the way the program was run before changing to competitive was not working well.

Benefits to competitive E-IPM Program:

- enhanced strategic plans
- fostered new collaborations among 1960s and 1890s
- enhanced control of funding for some institutions
- created the incentive to compete for increased funding

Costs/Negatives to E-IPM Program:

- time spent preparing proposals
- loss of state IPM personnel
- increased competition among institutions and states, somewhat less collegiality, and reduced collaboration

Changing face of E-IPM Programs in 5 years:

- increasing demand for IPM in small acreage lands where consultants aren’t currently working
- emphasize global themes and identifying a fit for IPM within the themes proposed by the new NIFA

**Agriculture and Food Research Initiative (AFRI)**

Diana Jerkins

RFA will be released early in 2010. Emphasis will be on topical initiatives, organized by problem-solving foci. There will be longer-term projects added, similar to the LTER of NSF, with up to 10-year funding length.

Program will be organized by the six priority areas described in the 2008 Farm Bill:

1. Plant Health and Production and Plant Products
3. Food Safety, Nutrition, and Health
4. Renewable Energy, Natural Resources, and Environment
5. Agriculture Systems and Technology
6. Agriculture Economics and Rural Communities
Project types: Single Function (research, research CAP, education, Extension, conference), Integrated (multi-functional) (integrated and integrated CAP), and Food and Agricultural Science Enhancement (post-doctoral fellowships, new investigator, and strengthening)

**Specialty Crops Research Initiative**
Co-NPL: Tom Bewick
$230 mil total funding for SCRI over 3 years, with $46.7 mil available in FY09. SCRI funded 35 out of 202 proposals (17%). SCRI is very stakeholder-driven. There is a big emphasis on economics (not just partial budgets) and multi-institutional programs. Pest management is one of five areas of emphasis.

Three critical components:
1. Stakeholder-driven advisory committee
2. Trans-disciplinary
3. Systems approach

Strictly funds research and Extension. There is a mandatory dollar for dollar match with no waivers. The RFA will be released mid Oct and proposal deadline is mid Jan.

**Integrated Organic Program**
NPL: Mary Peet
In 2009, funding for OREI increased to $18 mil with additional increases scheduled in subsequent years through 2012 to $20 mil.

1. Organic Transitions Program – emphasis is on project that solve critical organic agriculture issues as they relate to water quality; FY09 funding: $1.8 mil
2. Organic Agriculture Research and Extension Initiative – emphasis on critical organic agriculture issues and evaluating impacts on the environment. Proposed changes include establishing an eXtension category, and increasing emphasis on contribution of organic agriculture to reducing adverse effects of global climate change; FY09 funding: $17.2 mil

**Methyl Bromide Transition Program**
NPL: Bill Hoffman
Current use is ~14.5 percent of 1991 MeBr levels. Quarantine pre-shipment uses are still allowed. Funding anticipated in FY2010: $3 mil. There are 15 critical use nominations for 2010; see MBT web page for details. Since 2007, 11-12 proposals have been submitted per year and 5-6 proposals have been funded.

**Crops at Risk (CAR) and Risk Avoidance Mitigation Program (RAMP)**
NPL: Rick Meyer
Funding anticipated in FY2010: $1.3 mil for CAR and $4.2 mil for RAMP.
CAR: The goal is to enhance the development and implementation of innovative, ecologically based, sustainable IPM system(s) for a major acreage or high value crop commodity, such as key fruits and vegetables. Since 2007, 12-16 proposals have been submitted per year and 4 per year have been funded.

RAMP: The goal is to enhance development and implementation of innovative, ecologically based, sustainable IPM strategies and system(s) for (a) multi-crop food and fiber production systems; (b) an area-wide or a landscape-scale agroecosystem approach; or (c) addressing a documented pesticide impact on water, human or environmental health. Since 2007, 9-11 proposals have been submitted per year and 3-5 have been funded.

Regional IPM Grants Program

Funding anticipated in FY2010: NC = $750,000; S = $830,000; NE = $600,000; W = $650,000

RIPM supports the development and implementation of new regionally-relevant IPM tactics and strategies, their validation in pest management systems, and the delivery of educational programs to pest managers and their advisers. The RIPM is managed by the four regional IPM Centers.

A proposal has been put forward to consider MS/PhD student research enhancement grants as part of the RIPM or IPM Centers grant programs.

IPM$^3$ Training Consortium

The “IPM Core Concepts Module” has been recently released. It is designed as an online course to teach the basics of IPM principles. 10 units are offered that range from economics of IPM to biological control to restoration ecology. See the course web page: [http://www.umn.edu/ipm3](http://www.umn.edu/ipm3) for details.

Office of Pest Management Policy

Teung Chin, Acting

Endangered Species: EPA’s buffers will continue to have significant impact on agriculture in California and the Pacific Northwest where streams, irrigation ditches and off-channels feed into critical endangered salmon habitat. Applications made over or near water will become more limitations.

Spray Drift Initiative: attempting to document drift reduction technology so aerial and ground buffers can be reduced.

Pesticide Inerts Disclosure: EPA will require listing of inert ingredients on label. Discussions are ongoing for lower limits on concentrations that will require listing.

Bees: A 2009 USDA Science Panel appointed to study protocols for honeybee toxicity testing will be released in spring of 2010. Bee producers want label changes to specify pesticide applications only at sunset.

Web-Distributed Labeling: EPA will proceed with volunteer pilot test in early 2010. Liability is the greatest concern to registrants and growers.
Plant Health Claims: EPA has allowed such claims so far, but much concern has been generated, so a discussion of regulation is ongoing.

IPM Voice
Jim VanKirk
IPM Voice will be a public, private partnership to promote progressive IPM. A planning group has been formed and a large stakeholder committee meeting is being planned for December. The organization evolved from concerns that IPM is becoming too mainstream and progressive aspects of IPM aren’t being promoted or recognized.

Mission statement: “IPM Voice advocates for progressive IPM that provides genuine environmental, social, and economic benefits. We support sound science – derived through accepted principles – that enables the best pest management choices for any current situation and continually develops new knowledge to create better choices in the future…”

Pesticide Risk Mitigation Engine (PRiME)
Tom Green
An online program to help select least-hazardous pesticide choices for pest management – a risk evaluation tool. The program is designed to be novice friendly, comprehensive, based on real data, site specific, adjust for use pattern factors, and include a sustainable financial plan. It accesses soil data from NRCS, uses weather data and Google Earth imagery. It includes all registered products and will eventually be for all crops. In the future it may include information on endangered species for specific sites and other relevant information.

Conservancy Activity Plans (CAPS)
Tom Green
Part of the NRCS EQIP Program, this requires more work than does qualifying for general EQIP funds, but more funds are available. There is the potential for more funding and support of extending IPM onto the farm. There is a need for more training of the IPM community on collaborating with NRCS. There is a National CAPS Working Group funded by the NCIPM Center. Their plan is to build infrastructure for IPM CAPs, create awareness and motivate participation, and host/support training opportunities.

School IPM
Tom Green
The National School IPM PMSP is completed (Dawn Gouge, University of Arizona, was the initiator). Seven school IPM demo projects were established in four regions of US, established school IPM coalitions were established in nine states, a web site was created, there is a bi-monthly School IPM Newsletter, school IPM sessions were held at three national meetings, and $1.7 mil has be leveraged to date.
National IPM Committee Report, 2009

GMO Technology Agreements Restrict Research
Elson Shields is Acting Spokesperson for 24 public sector corn insect scientists. The issue is that technology/stewardship agreements that are required for the purchase of genetically modified seed explicitly prohibit research. Strategies used by scientists to cope with the restrictions include not conducting the research viewed as critical to long-term deployment of the technology, altering research protocols to win industry approval, and purchasing seed and conducting the research in violation of the Technology agreement. The group feels that excellence in science requires an environment unfettered from artificially imposed restraints which restrict freedom of thought and the pursuit of information.
Future directions are to write a featured article in the inaugural issue of “GM Crops”, organizing symposia at national/regional meetings, and presenting the topic to farmer groups at all levels. The National IPM Committee voiced strong support for these activities.

Plant Health/Growth Enhancement Labeling
Paul Vincelli, Univ of Kentucky
Growth regulator effects of fungicides and other pesticides are generally not well substantiated for most products. EPA doesn’t test efficacy claims, except for some microbials and for human pests – letting the marketplace sort out claims. There is concern for accelerating pesticide resistance problems.

Healthy Homes Program
Lyn Garling, Carrie Koplinka-Loehr, and Tom Green
The aim is to view the home/housing building as a system with people as a key component. See the website he program provides IPM training to public housing authorities. See the website www.stoppests.org for details.

IPM Evaluation
Bill Co, U of Mass
This committee is studying how to best get the message out about IPM successes?
- public service announcements
- direct mailings to targeted constituents
- Twitter, YouTube postings
A communication subcommittee is working on developing new outreach strategies for IPM impacts and successes. Will focus on several key national programs:
1. School IPM – high profile, affects children, lots of interest, lots of impact
2. CA Almond – has a wealth of good data on impacts, and previous baseline surveys.
3. Healthy Homes/Multi-Family Housing - many urban dwellers have been affected.

The ipm.gov web site provides examples of surveys and data to help state IPM programs assess their impacts. The Committee discussed third party data – is it valid? Yes, if it was collected in an unbiased, scientific manner. How does research fit into the Logic Model?

**Larry Elworth, New Ag Advisor to EPA Administrator Jackson**

There are new concerns within EPA for impacts of pesticide registration on the Clean Air Act, Endangered Species Act, climate change, food safety, etc. Land grant institutions and agricultural growers will have to deal with new statutes that they’ve never dealt with before. Non-point source issues are going to become more important.
National IPM Committee Joint Meeting, 2009

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Tuesday October 6 (8:00 am – 5:00 pm) & Wednesday October 7 (8:00 am – 12:00) (option to stay for the afternoon to meet with Federal IPM Committee)

Please arrive by 7:30 to go through security!

Tuesday, 6 October

8:00- Introductions

8:10- Welcome- Ralph Otto, Associate Administrator for CSREES

8:15- National Institute for Food and Ag update (NIFA/CSREES)- Ralph Otto

8:30- AFRI Program (Diana Jerkins)

8:45- 
  • Results of Extension IPM Competitive grants program.- Draper/Fitzner
  • Status of Extension IPM budget and new RFA- Draper
  • IPM presence in SCRI-SCRI manager, Tom Bewick
  • Organic Programs (OREI and OT)- Mary Peet
  • Other CSREES funds, CAR and RAMP (Rick Meyer), Methyl Bromide Transitions (Bill Hoffman - by phone), RIPM (Mike Fitzner)
  • OPMP Update (Teung Chin)

10:15- Break

  • 10:30- Wide area pest monitoring programs, such as:ipmPIPE update/funding
  • State and regional programs (VanKirk lead – Draper and Cardwell as available)
    o the PA-PIPE (Rajotte)
    o Oregon (Jepson)
    o Iowa State – the NC-PIPE (Mueller)
    o Sustainability

11:00- Regional IPM Centers
  • RIPM grants report
  • Regional IPM Centers Update

Noon- Lunch

1:30- Regional IPM Research/Extension Committee reports
3:15-Break

3:30- Change in relationship between state EIPM programs and NIFA (Rajotte lead discussion).

4:00- Food safety and IPM. (aflatoxin, GAP, etc.)

4:30- Standardizing IPM-
   - Develop voluntary guidelines and certification-
   - Buy IPM: Ratcliffe

5:00- Adjourn

Wednesday, 7 October

Morning

8:00- NRCS grant for risk evaluation tool for geo located pest management decisions, pesticide possibilities and environmental (Tom Green)

8:20- NRCS IPM Caps program and status of NRCS/IPM programming in states. (Tom Green) *(Rajotte contacts Tom Green to schedule)*

8:40- School IPM update- Tom Green?

9:00- Land Grant Research on GMOs – Galen Dively, University of Maryland plus Tom Sappington, Bob Wright and Elson Shields via telephone

9:30- Plant Health Labeling – Paul Vincelli, University of Kentucky plus Carl Bradley, Don Hershman and Daren Mueller via telephone

10:00- Role of EPA in IPM (EPA and IPM update. Larry Elworth, new ag advisor to EPA administrator Jackson. (Rajotte) Tom Brennan also. (Sue)

11:00- Evolution of federal Healthy Homes program and meaning for IPM- Garling, Green, Koplinka-Loehr

11:30- New IPM association “IPM voice” advocacy group for IPM

Noon- Lunch

1:00 pm- Overview of IPM in the U.S. (to inform Fed IPM committee)-

1:15- Federal Coordinating Committee agenda-Introductions

   1:15 pm IPM.GOV website uses  

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<th>Time</th>
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<tr>
<td>1:30 pm</td>
<td>NPDES discussion</td>
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<td>2:15 pm</td>
<td>Regional Center Happenings</td>
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<td>2:35 pm</td>
<td><em>ipmPIPE</em> update</td>
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<td>2:40 pm</td>
<td>Agency updates</td>
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