Planning and Implementing Sustainable IPM Systems

August 11-24, 2013  Oregon State University  Corvallis, Oregon, USA

Course Description
This course will enable you to work with other agricultural professionals and farmers to design, implement and document IPM programs that address sustainable crop production intensification, invasive pests, climate change and other locally relevant challenges.

Learning Outcome
The intention is for you develop the capacity to create long-term, whole-farm IPM plans that: (1) address pest, environmental, health and market risks; (2) enable the determination and adoption of site-specific, effective practices; and (3) support IPM plan improvement and adaptation through feedback and monitoring.

Course Agenda

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<th>Day</th>
<th>August 11</th>
<th>Welcome Reception</th>
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| Day 1 | August 12 | Introduction  
Case study farms review |
|      |            | **Tools and Procedures:** Modes of IPM extension  
**Project:** Plan initial IPM program for case farms |
| Day 2 | August 13 | **Tools and Procedures:** Pest risk assessment; IPM practices and their classification  
**Project:** Summarize current IPM programs on case farms |
| Day 3 | August 14 | **Tools and Procedures:** Environmental and human health risk assessment  
**Project:** Undertake risk assessments for selected pesticides on case farms and propose mitigation practices |
| Day 4 | August 15 | **Tools and Procedures:** Functional agro-biodiversity protection and management  
**Project:** Develop habitat and conservation plan for case farms |
| Day 5 | August 16 | **IPM Challenges:** Regulation; Pesticide efficacy; Pesticide resistance; markets; Climate; Invasive species; Decision support  
**Project:** Address specific challenges applied to each case farm; Define program of work for week 2 |
| Weekend | | Group tour; Project assignments and planning |
| Day 6 | August 19 | **Tools and Procedures:** Building effective networks; community risk assessment and management; Certification, marketing and economics  
**Panel:** Review of case farms and their IPM programs |
| Day 7 | August 20 | **Project:** Design IPM programs for case farms |
| Day 8 | August 21 | **Reports:** Discuss IPM plan for each case farm |
| Day 9 | August 22 | Individual presentations of current IPM activities; Relevance of course; Proposed follow-up |
| Day 10 | August 23 | Hands-on training with tools and procedures; Planning for continued access  
**Tools and Procedures:** IPM program evaluation and assessment  
Course graduation ceremony and establishment of professional network |

Course Website: [http://oregonstate.edu/conferences/event/ipmplanting/](http://oregonstate.edu/conferences/event/ipmplanting/)  
Draft Course Program  
January 31, 2013