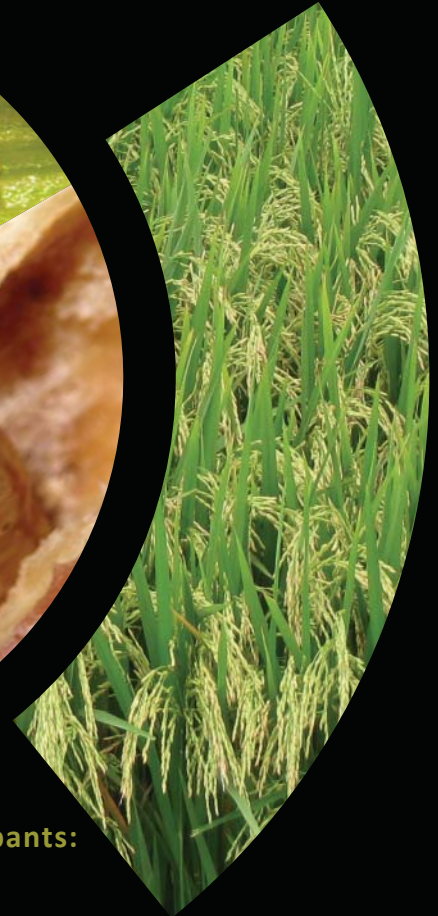


An Invitation to

# Asia Pacific Conference on Insect Resistance Management (IRM) for Bt Crops



**AIM Conference Center, Makati City, Philippines  
March 18-19, 2010**

#### **OBJECTIVES:**

1. Review current principles and concepts of IRM
2. Examine the experiences on IRM strategies, implementation and monitoring in the Philippines
3. Share IRM implementation experiences with other countries in the region which are expected to adopt Bt crops
4. Update participants on current scientific knowledge on IRM
5. Discuss upcoming related developments
6. Prepare regulators with updated knowledge and strategies related to more complex GM Pest Protected Plants (PPP's).

#### **EXPECTED PARTICIPATING COUNTRIES:**

Philippines, Vietnam, Indonesia, Thailand, India, China, Australia, USA, and other countries

**Expected Participants:**  
125-150 total

Local and foreign regulatory agencies, National Committee of Biosafety in the Philippines (NCBP), Department of Environment and Natural Resources (DENR), Department of Science and Technology (DOST)-Biosafety Committee, technology developers, industry organizations, Department of Agriculture-Regional Crop Protection Center (DA-RCPC), University of the Philippines Los Baños-National Crop Protection Center (UPLB-NCPC), Department of Agriculture-Insect Resistance Management Advisory Team (DA-IRMAT), Scientific Technical Review Panel (STRP), BPI-Biotech Core Team (BPI-BCT), scientists

#### **PLEASE CONTACT:**

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SESSION AND TOPICS	SPEAKERS
<b>Session I: The Need for IRM: Principles and Concepts</b>	
Chair: Dr. Emiliana Bernardo	Department of Agriculture – IRM Advisory Team (DA-IRMAT)
Co-Chair: Dr. Bijendra Pal	Bioseed Research Philippines, Inc.
Rapporteur: Mr. Godfrey Ramon	Biotech. Coalition of the Phil. (BCP)
1. Factors affecting the development of insect resistance	Dr. Graham Head (Monsanto)
2. Genetic component and biochemical mechanisms of insect resistance of transgenic crops	
3. Evolution of IRM strategy for Bt corn in the US	Dr. Thomas Hunt (University of Nebraska Lincoln, UNL)
4. Rethinking refugia	Dr. John Foster (UNL)
<b>Session II: Existing and Proposed IRM Strategies and Monitoring Compliance for Various Bt Crops</b>	
Chair: Dr. Candida Adalla	DA-IRMAT
Co-Chair: Mr. Silvino Calvero	Monsanto Philippines
Rapporteur: Ms. Merle Palacpac	Bureau of Plant Industry – Biotechnology Core Team (BPI-BCT)
1. The enhanced IRM strategy for Bt corn in the Philippines	Dr. Clarito M. Barron (BPI-BCT)
2. Bt rice in China	
3. Bt cotton in Australia	Dr. Rod Mahon, Commonwealth Scientific and Industrial Research Organisation, Australia (CSIRO)
4. Bt cotton in India	Dr. K.R. Kranthi (Central Institute for Cotton Research, India)
5. Bt eggplant in Philippines/India	Dr. Desiree Hautea (TBC)
6. Bt brassicas	Dr. Derek Russell (Natural Resources Institute, UK) (TBC)
<b>Session III: Program for Biosafety Systems Southeast Asia Session - Special Topics on IRM for Bt Technology</b>	
Chair: Dr. Reynaldo Eborá	DA-IRMAT
Co-Chair: Dr. Samuel Dalmacio	Pioneer Hi-Bred Philippines
Rapporteur: Dr. Vivencio Mamaril	BPI-BCT
1. Development of diagnostic concentrations of Cry1AB protein and monitoring of ACB resistance development in Bt corn	Dr. Edwin Alcantara (DA-IRMAT)
2. Developmental period, mating and ovipositional preference of ACB	Dr. Candida Adalla (DA-IRMAT)
3. Alternate hosts of ACB in the Philippines	Dr. Merdelyn Lit (DA-IRMAT)
4. Effects of GM maize on minute pirate bug populations and other key arthropods	Mr. Santiago Palizada (BPI-BCT)
5. IPM relating to ACB and natural enemies population on Bt and isohybrid	Dr. Pio Javier (UPLB)
6. IRM for corn rootworm: an example of IRM with a non-high dose trait	Dr. J. Lindsey Flexner (Dupont)
7. Why build a pyramid: the IRM value of combining insecticidal proteins	Dr. Graham Head (Monsanto)
<b>Session IV: Validation of Current IRM Strategy for Bt Corn, Emerging Trends, and Future Developments</b>	
Chair: Dr. Clarito M. Barron	BPI-BCT
Co-Chair: Dr. Eduardo Fernandez	Syngenta Philippines
Rapporteur: Ms. Thelma Soriano	BPI-BCT
1. Philippines' implementation experiences and challenges: insights gained and lessons learned	Ms. Lilian Teaño (BPI-BCT)
2. Considerations, approaches, and implications in developing IRM strategies	Dr. Ryan Kurtz (Syngenta)
3. IRM as an integral component of an overall pest management strategy in controlling for secondary and emerging pests	Dr. J. Lindsey Flexner (Dupont)
4. Insect Resistance Action Committee (IRAC) Recommendations for Developing an IRM Plan for Biotech Products	Mr. Amit Samsudin (DowAgro Sciences Malaysia)
5. Long and winding road: what can we learn from Bt corn resistance management in the Americas, Europe and Africa	Dr. Graham Head (Monsanto)
6. The industry's Excellence Through Stewardship (ETS) program	Dir. Siang Hee Tan (CropLife Asia)
7. Future prospective of GMO and challenges in implementation of IRM	Dr. Bijendra Pal (Bioseed)
8. Reducing uncertainty in regulatory decision-making for transgenic crops	Dr. Alan Raybould (Syngenta)