

**1998 EXTENSION AGENT  
CONFERENCE/WORKSHOP ON IPM**  
U.H. Pearl City Urban Garden Center  
July 29-30, 1998

*Sponsored by UH CTAHR Extension IPM Program*

**IPM Seminar, July 29, 1998**

9:00 am	<b><i>FQPA--Food Quality Protection Act</i></b> 1. <i>A Primer for Agents and Growers</i> 2. <i>The issue: Default Assumptions vs. Science Based Assumptions</i> 3. <i>What now? Low Risk Products. What can extension agents do.</i>	R. Mau & M. Kawate
9:30 am	<b><i>Food Safety: An emerging issue. Another opportunity for Ag Extension Faculty to make impacts</i></b>	L. Nakamura- Tengan
9:45 am	<b><i>New Millenium...New Paradigm. Working outside of the box.</i></b>	R. Mau
10:00 am	<b><i>The CTAHR GPRA Extension Performance Plan</i></b> 1. <i>The CTAHR Extension Plan</i> 2. <i>The Extension IPM Plan</i>	W. Harada & R. Mau
10:30 am	<b><i>Break</i></b>	
	<b><i>Management of Powdery Mildew: A problem of vegetables and fruits</i></b>	
10:50 am	1. <i>Introduction to Powdery Mildew 101</i>	J. Uchida
11:05 am	2. <i>Quadris—An update on the evaluation of this product</i>	M. Kawate
11:20 am	3. <i>Bicarbonate as a treatment for mildew control on mango</i>	S. Ferreira
	<b><i>Hot Updates: Research to Manage Pest Problems:</i></b>	
11:35 am	1. <i>Pocket Rot of Taro</i>	J. Uchida
11:50 am	2. <i>Photoactive dyes for Fruit Fly Control</i>	J. Carder
12:10 pm	<b><i>Lunch Break</i></b>	
1:00 pm	<i>Secrets to Managing Pests and Diseases in Tomatoes</i>	J. McHugh
1:20 pm	<i>IPM in Hawaiian Grown Bell Peppers</i>	J. McHugh
1:40 pm	<i>Multi-cropping in Living Grass mulch for Vegetable Crop Production in Hawaii.</i>	J. DeFrank
	<b><i>Project Reports</i></b>	
2:00 pm	<i>Cyst Nematode</i>	Don Schmitt
2:15 pm	<i>Biofumigation of Pineapple</i>	B. Sipes
2:30 pm	<i>Fusarium Resistant Basil: An Extension IPM Statewide Transfer Project</i>	R. Hamasaki
2:45 pm	<i>Technology Transfer Update: Post-harvest Hot Water Disinfestation Treatment</i>	A. Hara et al.
3:00 pm	<b><i>Break</i></b>	
3:15 pm	<i>Is Irradiation Useful for Post-harvest Disinfestation of Thrips, Scales and Mealybugs?</i>	A. Hara
3:30 pm	<i>Update on the Taro Blight Resistant Varieties</i>	A. Arakaki
3:45 pm	<i>Imidacloprid (PROVADO): A Potent, Reduced-risk Material for Aphids and Whiteflies in IPM Programs</i>	R. Mau
4:00 pm	<i>Spinosad (SUCCESS): A reduced-risk, potent new product that has a good fit in Vegetable IPM programs</i>	R. Mau
4:15 pm	<i>Quality Teaching &amp; Extension Impacts: Survival in the New Millenium</i>	C. Nakamura
4:30 pm	<b><i>Conference Evaluation and BBQ</i></b>	

**July 30, IPM Laboratory  
Agent Training in Application of Pesticides**

8:00 am	<i>Extension's role in helping growers make effective and safe use of pesticides. Insecticides.</i>	R. Mau
8:10 am	<b><i>Hands On Training for Extension Agents.</i></b>  <i>1. Importance of Good Spray Coverage.</i>  <i>2. Case Studies - Problem-solving Growers Pest Management Programs. Harsh Realities of Growers Spray Practices.</i>	R. Shimabuku J. Tavares
8:30 am	<i>3. A Primer: Application of imidacloprid through drip lines. Benefits, costs, and limitations.</i>	J. McHugh
9:30 am	<i>Refreshment break</i>	
9:50 am	<i>4. Troubleshooting/Calibrating Spray Booms</i>	R. Shimabuku J. Tavares
10:30 am	<i>5. New Spray Technologies and Pesticide Products (Air Induction nozzles, (soil injection with Merit; electrostatic sprayer; mist blower).</i>	M. Kawate
11:00 am	<i>6. Improving Spray Coverage with Spray Adjuvants</i>	R. Shimabuku J. Tavares
11:30 am	<i>7. A final check of imidacloprid injection. Did we make a successful application?</i>	J. McHugh
11:50 am	<b><i>Workshop Wrap-up Session</i></b> <i>1. Discussion, questions and comments.</i>  <i>2. Evaluation and site selection for 1999 conference</i>	J. McHugh R. Shimabuku J. Tavares  R. Mau, J. Sugano
12:15 pm	<b>Lunch</b>	
1:00 pm	<i>GPRA discussions for selected faculty</i>	Harada & Mau