

# **Southern Region IPM Center:**

Past, Present and Future?

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# Overview

- 10 Years of Progress
- Current Funding Prospects
- A New IPM Organization

# A Decade of IPM Centers

- Stakeholder Input & Engagement
- Facilitate Multi-party Communication
- Catalyze, Support Science & Collaboration

# Stakeholder Engagement

- So what?
  - ✓ Set (and address) Priorities
  - ✓ 2-way communications
  - ✓ Ownership of programs and projects
  - ✓ Support for the Land Grant approach

# Stakeholder Engagement

- Working Groups
- Advisory Council & Steering Comm.
- SERA03-IPM
- Other technical committees



# Working Groups



# Real-World Info to Funders and Regulators

- Crop Profiles
- Pest Management Strategic Plans
- IPM Regulatory Information Network

# Crop Profiles & PMSPs

- Describe the situation in the field
- Used by EPA, try to ground regulatory action in reality
- Used by USDA and others to target real priorities



# Crop Profile

- The situation now:
  - ✓ Acres, production and value
  - ✓ Key pests
  - ✓ Tactics currently in use

# Crop Profiles

- 251 (146 since 2004)

- from Alfalfa to

... Bananas...Basil ...Cattle (Beef, Dairy)

...Christmas Trees ...Cilantro ...Citrus (Major,  
Minor)...Coffee Collards ...Honey

Bees...Landscape Installation and Maintenance

...Peaches ... Pecans...Turkeys...Public  
Health... Tobacco...Turfgrass

Summer Squash  
Zucchini

# Pest Management Strategic Plans

- Stakeholder Collaboration
- Which pests are most important?
- What's working (and isn't)?
- Coming challenges
- Prioritize: Research, Extension, Regulation

# Pest Management Strategic Plans

- Stakeholder Collaboration
- Which pests are most important?
- What's working (and isn't)?
- Coming challenges
- Priorities: Res., Ext., Reg.

# PMSPs

- 50 online, 24 since Jan 2004
- All states

Apple Avocado Banana Carambola Cattle,  
Beef Christmas Trees Citrus Cotton Cucurbits  
Eggplant Field Corn Guava Honey bees  
Longan Lychee Mamey Sapote Mango  
Nursery Crops Okra Papaya Passionfruit  
Peach Peach Peanuts Peanuts, Stored Pecan  
Pepper Rice Sapodilla Snap Beans Soybean  
Spinach Strawberry Sugar Apple Sweet Corn  
Sweetpotato Tomato Tropical Fruit Turfgrass  
Watermelon Wheat, Stored Woody Ornamental &



# Regulatory Information Network

aka: Regulatory Reality Check

*Without “real-world” data and information supplied by the agricultural community, EPA makes worst-case assumptions that overstate exposure (and risk) and understate the benefits of pesticides.*

Al Jennings  
former Director, OPMP



# Regulatory Information Network

- Responses to 101 queries by SRIPMC so far

Methyl Bromide critical use exemption

Worker exposure as a result cabbage thinning and harvesting

Chemigation practices of growers

Typical rates for 2,4-D on Rangeland/Pastureland?

Dimethipin Application Rate on Cotton

Use of Streptomycin and Oxytetracycline

# Other Grants: “Type 2”

- Catalyzing new, important projects
- “Finishing touches” on important work
- Small accounts, big results
- Duct tape and bailing wire

# Type 2, IPM Enhancement Start-Up and Capstone

State	Projects	\$	State	Projects	\$
Alabama	1	\$24,375	Oklahoma	1	\$12,500
Arkansas	3	\$59,145	Puerto Rico	2	\$36,880
Florida	8	\$207,036	S. Carolina	1	\$18,527
Georgia	7	\$219,158	Tennessee	1	\$23,000
Kentucky	2	\$39,956	Texas	7	\$134,141
Louisiana	2	\$87,071	Virginia	5	\$116,579
N. Carolina	6	\$139,413	<b>Total</b>	<b>46</b>	<b>\$1,148,781</b>

# 2011 Grants

<b>PD</b>	<b>State</b>	<b>Proposal Title</b>
Graham	AL	Update of Priorities of the Southern Region School IPM Working Group, A New Beginning
Douce	GA	Bugwood Center IPM Working Group
Hummel	LA	Development of the “RiceScout” iPhone app to improve rice insect/arthropod, disease, weed and nutritional deficiency diagnostics in southern rice IPM programs
Fair	NC	Developing Management Practices to Address Invasive Plant Pests in Riparian Areas. Developing establishment and maintenance practices for restoring natural function of riparian corridors.
Richardson	NC	Creation of IPM Documents for Aquatic Plant Management in the Southern US



# 2011 Grants

PD	State	Proposal Title
Krings	NC	Weed IT Mobile - A Weed Identification and Management Tool for Mobile Devices
Fulcher	TN	Enhancing Nursery Crop Research and Extension with a Multi-State Working Group
Bogran	TX	Using GIS to develop pest management tools for wood boring beetles in southern nurseries
Weaver	VA	Virginia Specialty Crops at Risk Program - IPM Documents Development Project
Weaver	VA	Regulatory Information Network

# *We Manage Things*

- Southern Regional IPM Grants (S-RIPM): >\$800k annually
- Annual Methyl Bromide use exemption requests
- ipmPIPE
  - ✓ Soybean Rust, CDM, Pecan: ~\$10m
  - ✓ Onion PIPE: ~\$2m

# Critical Issues Program

- Small amounts, quick, key issues
  - ✓ MB Alt., train the trainer
  - ✓ Country ham MD exemption
  - ✓ IPM for Organics, PR

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# Funding Issues

- 406 IPM
  - ✓ IPM Centers
  - ✓ CAR – Crops at Risk
  - ✓ RAMP – Risk Avoidance and Mitigation
  - ✓ MBA – Methyl Bromide
  - ✓ Organic Trans



# Funding Issues

- IPM Centers, CAR, RAMP omitted President's budget for **2011 & 2012**
- MBA and Organic have appeared
- IPM Centers only *in* House CR
- CAR & RAMP = no show

# Possibilities:

- Any or all parts funded through AFRI
- Any or all parts gone for good
- Re-appearance of IPMCs, CAR or RAMP as 406 or similar requires:
  - ✓ legislative insertion
  - ✓ survival of negotiations

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**IPM VOICE**

# IPM Voice

...advocates for ... (IPM) that is genuinely progressive and seeks continuous improvement of environmental, social and economic conditions through application of accepted scientific principles. We comprise diverse philosophies and approaches united to support a broad foundation upon which IPM will be strengthened and improved.

# IPM Voice

- Capture the commitment to IPM across a broad range of perspectives
- 501(c)3 nonprofit. Members can be isolated from lobbying
- [www.ipmvoice.org](http://www.ipmvoice.org)