

Agriculture & Natural Resources Subcommittee

**Tuesday, January 11, 2011
2:00 PM
Reed Hall**

**Dean Cannon
Speaker**

**Steve Crisafulli
Chair**

Committee Meeting Notice

HOUSE OF REPRESENTATIVES

Agriculture & Natural Resources Subcommittee

Start Date and Time: Tuesday, January 11, 2011 02:00 pm
End Date and Time: Tuesday, January 11, 2011 05:00 pm
Location: Reed Hall (102 HOB)
Duration: 3.00 hrs

Organizational Meeting

Introduction of Members and Staff

Agriculture in Florida – Challenges and Opportunities

Presentations by:

- The Department of Agriculture and Consumer Services
- The Department of Citrus

Florida's Environmental Regulation and Natural Resource Conservation Policies

Presentations by:

- The Department of Environmental Protection
- The Fish and Wildlife Conservation Commission

NOTICE FINALIZED on 01/04/2011 16:16 by Love.John



Florida House of Representatives

Agriculture & Natural Resources

SUBCOMMITTEE



Rep. Steve Crisafulli
Chair



Rep. Rachel Burgin
Vice Chair



Rep. Michelle
Rehwinkel Vasilinda
Ranking Member



Rep. Jim Boyd



Rep. Jason Brodeur



Rep. Dwight Bullard



Rep. Matthew Caldwell



Rep. Luis Garcia



Rep. Richard Glorioso



Rep. Tom Goodson



Rep. Steven Perman



Rep. Ray Pilon



Rep. Elizabeth Porter



Rep. Franklin Sands



Rep. Jimmie Smith

Department of Agriculture & Consumer Services

Overview

January 11, 2011

**House Agriculture & Natural Resources
Subcommittee**

Representative Steve Crisafulli, Chairman



FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

COMMISSIONER ADAM H. PUTNAM

Division of Agricultural Environmental Services

- Areas of responsibility
 - Regulation of pesticides and pesticide applicators
 - Agriculture worker safety
 - Regulation of mosquito control services
 - Regulation of fertilizer manufacturers and distributors
 - Regulation of seed distributors



Division of Dairy Industry

- Mission is to ensure that dairy products are wholesome, produced under sanitary conditions, and correctly labeled
- Regulates the production, transporting, processing, distribution, and labeling of milk and milk products
- Establishes standards for these products, whether they originate in Florida or other states



Division of Animal Industry

- Track incoming livestock and poultry to ensure they meet state health entry requirements. Inspect livestock and poultry at livestock markets, sales, and exhibitions. Maintain surveillance (sample collection and laboratory testing) for dangerous transmissible diseases.
- Investigate and characterize animal disease outbreaks. Work directly with livestock producers, animal owners, and veterinarians to lessen disease impacts.
- Coordinate and carry out emergency planning and response activities to mitigate the impact of catastrophic foreign or emerging diseases, natural disasters, and bioterrorist events.
- Monitor companion animal health issues and assist in investigating and mediating consumer complaints under the Pet Law (FS 828.29).



Division of Food Safety

- Mission: to safeguard the public by ensuring a safe, wholesome and accurately labeled food supply.
- Food Establishment Inspections
 - Manufacturers, Processors, Distributors, Retailers
- Laboratories
 - Only state laboratories fully devoted to food safety analyses
 - Focus on microbiological and pesticide contamination
- Egg and Poultry Grading



Division of Aquaculture

- Aquaculture Certification – issued to qualifying entities for identification as an aquaculture producer of aquaculture products
 - Aquaculture Best Management Practices
 - Aquaculture Technical Services
- Issue Sovereignty Submerged Land Leasing for Aquaculture
- Oyster Resource Development
- Classify and Manage Shellfish Harvesting Areas
- Certify and Inspect Shellfish Processing Facilities



Division of Plant Industry

- Mission is to protect Florida's native and commercially grown plants and the state's apiary industry from harmful pests and diseases.
 - Exotic invasives
 - Fruit fly eradication
 - Citrus Health Response Program
 - Honeybee hive location/managed beekeeping
 - Outreach
 - Natural Solutions



Division of Fruit & Vegetables

- Inspects citrus (fresh and processed), peanuts, tomatoes, avocados, and potatoes
- Implements the Tomato Good Agricultural Practices program on tomato farms and in packinghouses
- Performs receiving point inspections to verify grade and condition on produce received by buyers (brokers)
- Conduct shipping point inspection under a cooperative agreement with USDA



Division of Forestry

- Forest Protection
 - Wildland fire prevention, detection, suppression and mitigation
- State Forest Management
- Cooperative Forestry Assistance



Office of Agricultural Water Policy

- Primary responsibility involves the development, adoption and implementation of agricultural Best Management Practices to achieve water quality goals pursuant to the Watershed Restoration Act (s. 403.067 F.S.) and the Northern Everglades and Estuaries Protection Program (s.373.4595 F.S.).
- The Office plays a key role in assuring that the current and projected water quantity needs of the agriculture and industry statewide are adequately addressed in the long-term water supply plans developed by each of Florida's five water management districts.



Division of Marketing and Development

- State Farmers Markets
- Agriculture Dealer Licensing
- Food Distribution
- Florida Agriculture Statistics Services
- Education & Communication,
Development & Information
- Seafood & Aquaculture



Consumer Protection

- Division of Consumer Services
 - Regulation of various businesses
 - State’s clearinghouse for consumer complaints
- Division of Licensing
 - Concealed weapon or firearm licenses
 - Licensure of private security, private investigative and recovery services
- Division of Standards
 - Petroleum, LP Gas, Weights and Measures, and Fair Rides Inspection
- Office of Agricultural Law Enforcement
 - Uniform Services operates 23 agricultural interdiction stations
 - Investigative Services investigates consumer fraud and crimes involving agriculture



Department of Agriculture & Consumer Services

- The Department has 3667.75 authorized FTEs and a total budget of \$337,591,651
- \$102,529,083 in General Revenue
- \$234,062,568 in various trust funds.



Contact Information:

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FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

COMMISSIONER ADAM H. PUTNAM

1-800-HELPFLA

www.FreshFromFlorida.com



Florida Department of Citrus

Ken Keck
Executive Director

Presented to
House Agriculture & Natural Resources Subcommittee
January 11, 2011

Florida Citrus Commission Florida Department of Citrus

 Created in 1935

 Responsible for:

 Regulation

 Research

 Market

Promotion



Florida Citrus Commission

Florida Department of Citrus

- First organization in USA established to insure quality and promote a food commodity
- Model for subsequent marketing orders

- Idaho Potato Commission

- Washington State Apples

- Alaskan Seafood



Florida Citrus Commission

- “Twelve practical citrus persons who are resident citizens of the State, each of whom is actively engaged in growing and/or processing.” 601.04 (1)(a) F.S.
- “Appointed by the Governor, confirmed by the Senate.” 601.04 (2)(a) F.S.



Funding

- **Financed by assessment on each box of citrus***
- **Two to four percent of the orange grower's annual return**



***Imposing an assessment on growers for generic advertising and promotion of Florida citrus is allowed by the First Amendment of the U.S. Constitution.**

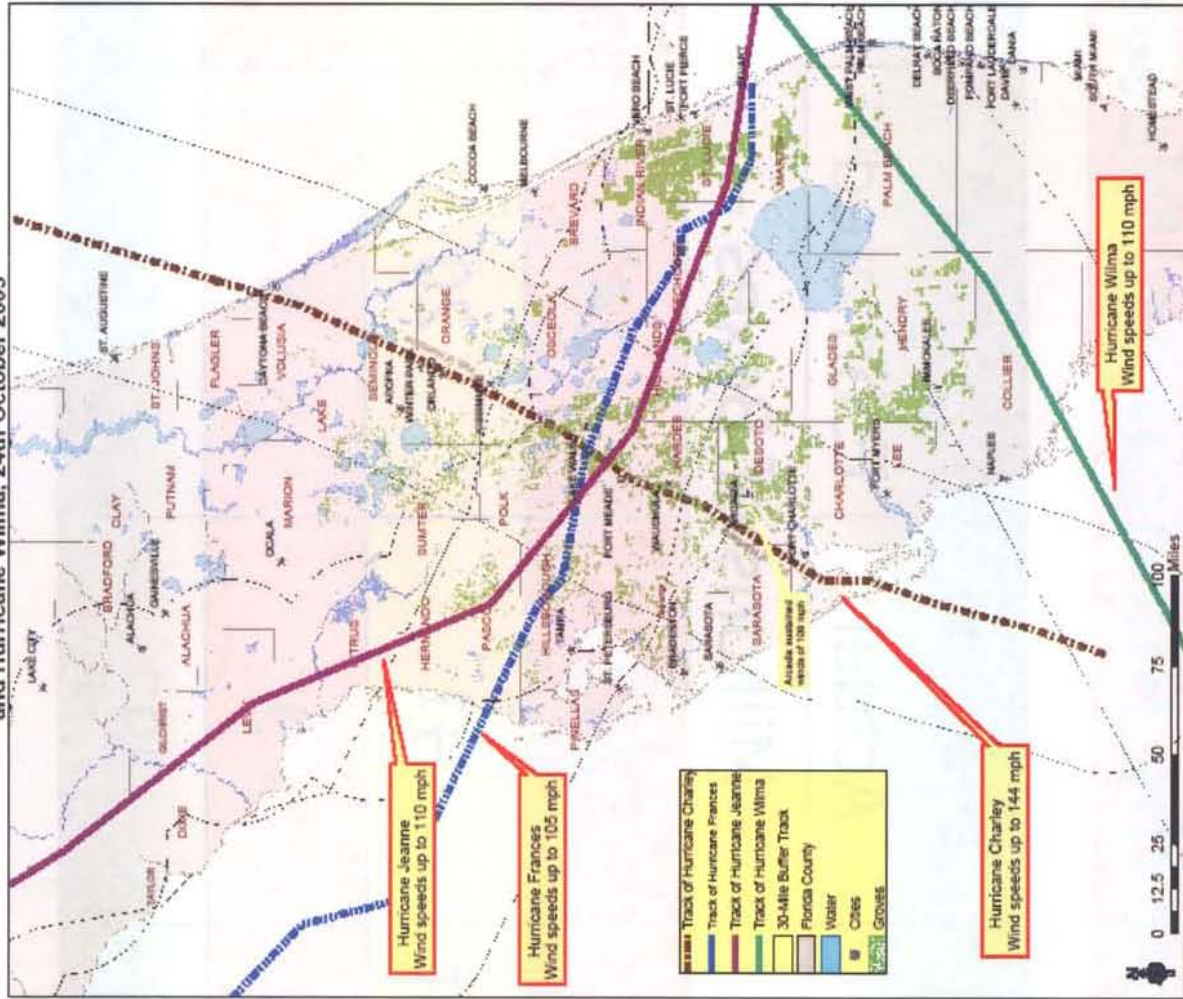
Economic Impact

\$9.3 Billion

- Nearly 600,000 acres
- Nearly 80,000 jobs



Path of Hurricane Charley, August 13th, 2004, Hurricane Frances, September 5th, 2004, Hurricane Jeanne, September 26th, 2004, and Hurricane Wilma, 24th October 2005



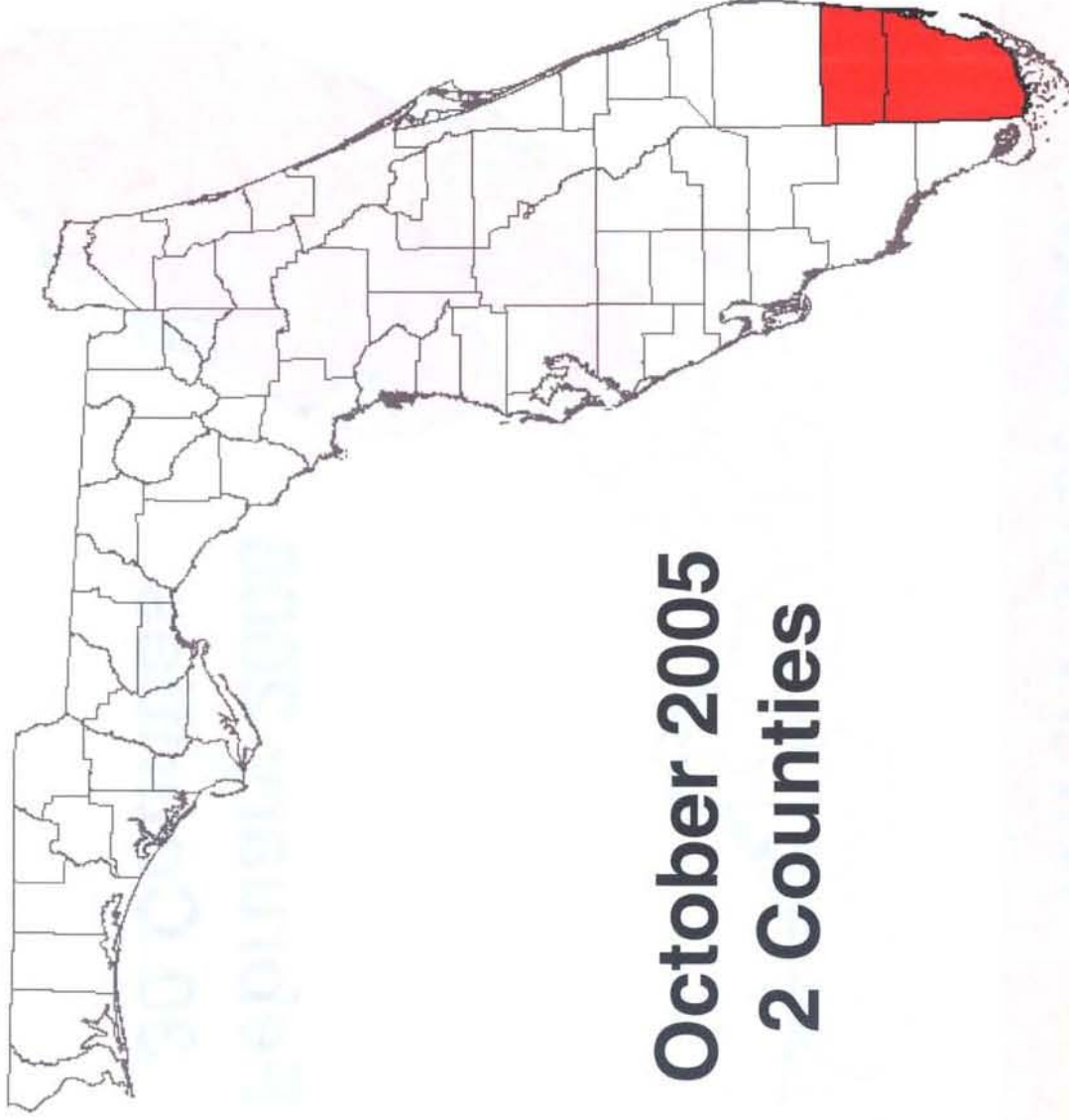
11 September 2006 Aletta Chevillat, Wayne Dean
 Created by GIS - Aletta Chevillat, Wayne Dean
 Florida Department of Agriculture and Consumer Services
 Gainesville, FL

Florida Citrus Boxes – Before and After the Hurricanes/Disease

	2003-04 Actual	2010-11 Estimated ^(a)	Percent Decline
- Millions of Boxes -			
Orange	242	143	<41>
Grapefruit	41	20	<51>
Specialty	9	5	<44>
	292	168	<42>

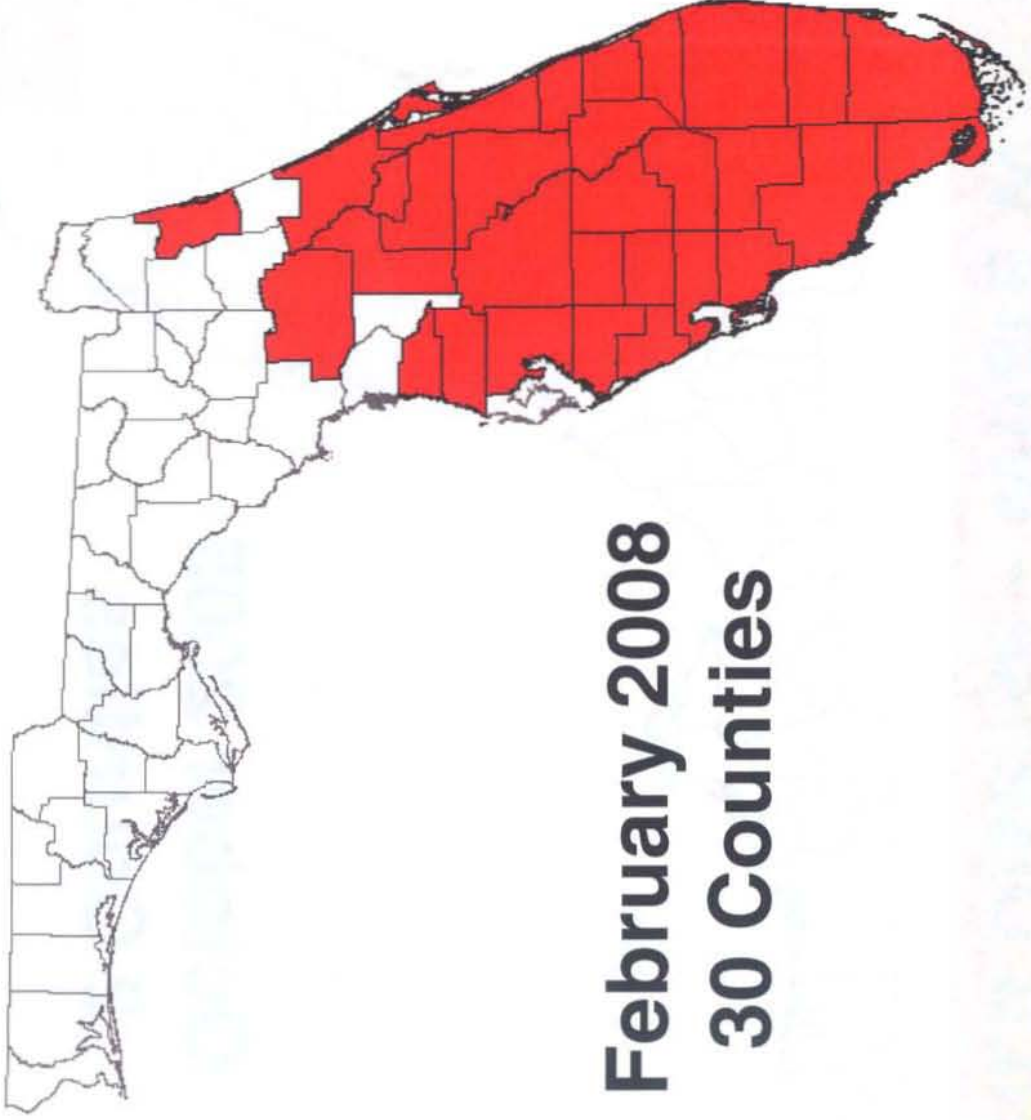
(a) December 2010 USDA/FASS forecast.

HLB Disease - Where Was It?



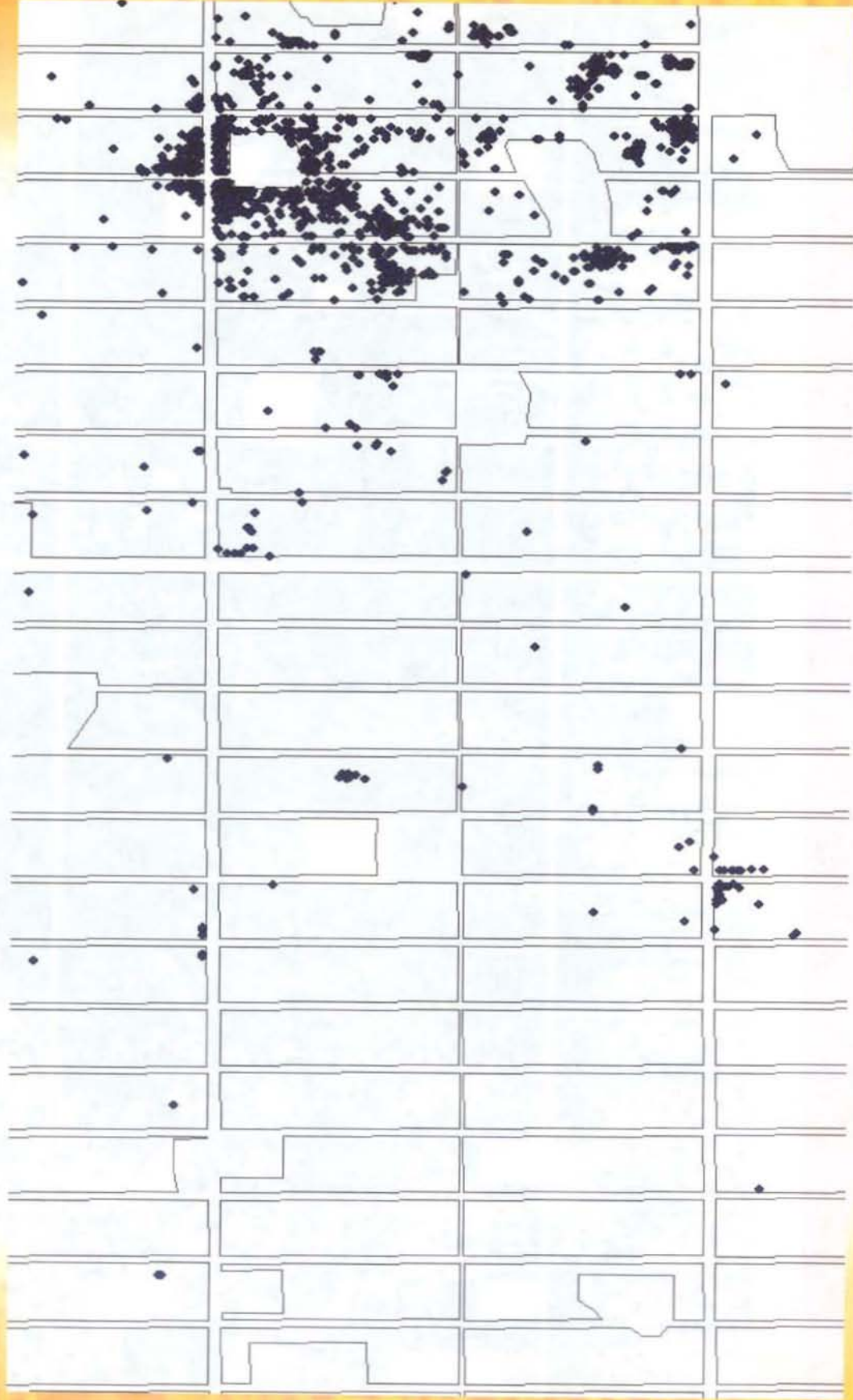
**October 2005
2 Counties**

Where Is It Now?



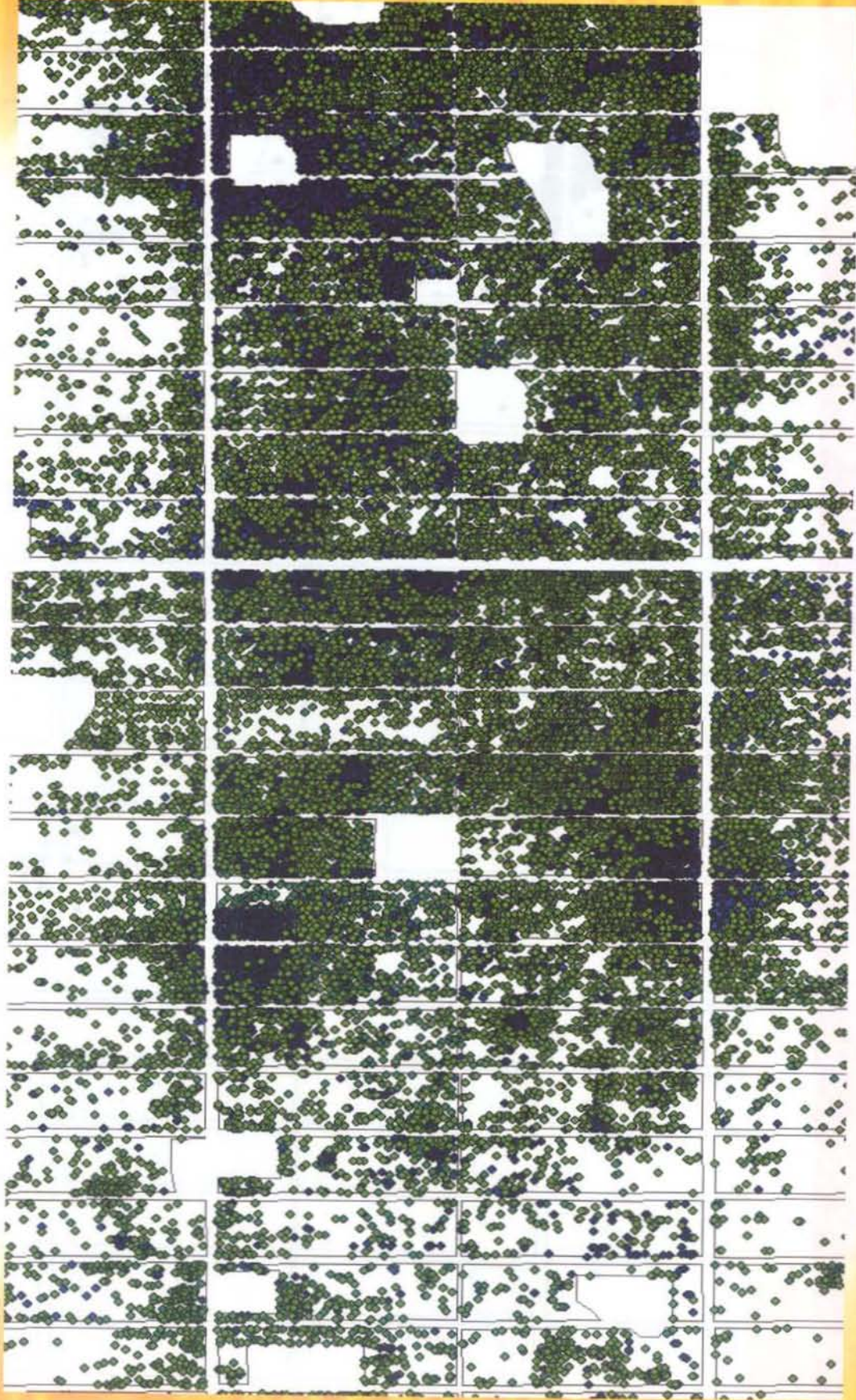
**February 2008
30 Counties**

How Fast Does It Spread?



Southern Gardens – Oct 05 thru Mar 06

How Fast Does It Spread?



March 08

FDOC Marketing

Mission: Create demand for Florida citrus



Objective: Get consumers to drink/eat Florida citrus every day



Strategy: Increase relevance of orange juice to consumers' daily routine

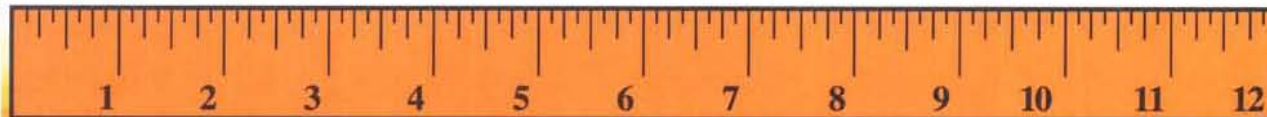


Target Audience:
OJ – "Its Just Juice" plus families
GF/GFJ – Women 25-49
Influencers, Media,
Targeted retailers



Measurement/Tools:

Nielsen, Millward Brown, Mediabrands Analytics, Performance Measures, Focus Groups, etc.



Grapefruit Juice National Results



Total U.S. FDOC Grapefruit Juice Demand Generation

- FDOC marketing increased U.S. retail demand for grapefruit juice by 3.3% in stores measured by Nielsen during the year ending August 2009.
 - Print advertising contributed an incremental 2.7%.
 - FDOC PR increased demand by 0.3%.
 - Sign Storey (TV) increased demand by 0.2%.
 - Online contribution was negligible at 0.1%.

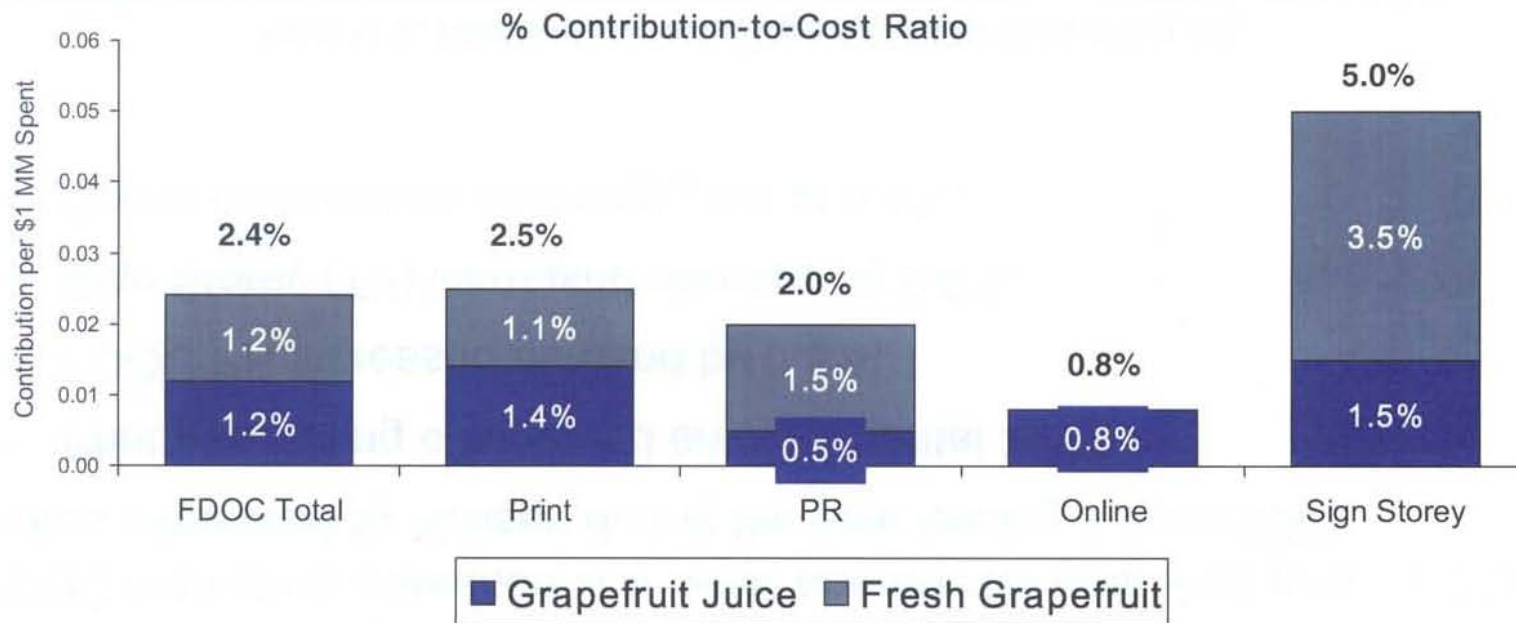
Total U.S. Demand Increase Due to FDOC Marketing (%)

	Print	Online	PR	Sign Storey	Total FDOC Marketing
52 Weeks Ending 9/1/07	0.0%	0.0%	0.9%	0.0%	0.9%
52 Weeks Ending 8/30/08	3.3%	0.2%	0.4%	0.2%	4.0%
52 Weeks Ending 8/29/09	2.7%	0.1%	0.3%	0.2%	3.3%

FDOC Marketing Contribution-to-Cost Ratio

FY 2008-2009

- In FY2008-09, FDOC's \$2.75 million marketing investment contributed 1.2% of GJ and FG volume for every \$1 million spent.
- Print and online had higher contributions per million spent for GJ, while FG saw higher % contributions for PR and Sign Storey.



FY 08-09 Spend (\$000,000)	2.75	1.97	0.49	0.17	0.13
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Note: Grapefruit juice benefits are expected to accrue in 2008-09 based on the price-quantity regression equation.

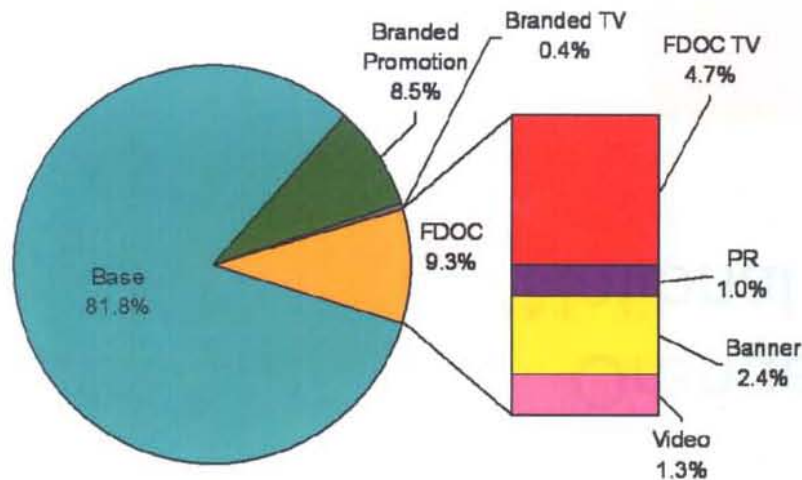
Orange Juice National Results



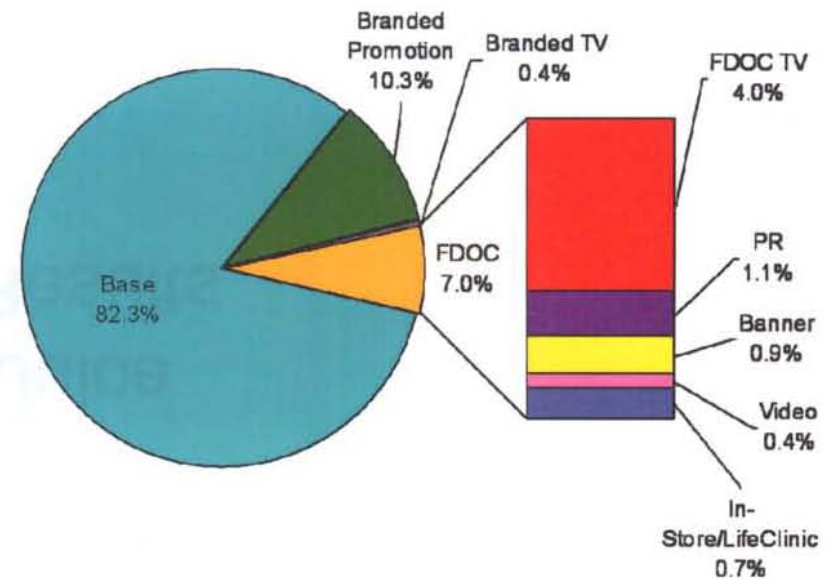
Orange Juice Marketing Contribution

- Including FDOC efforts, marketing contributed 17.7% to orange juice volume sales, down slightly from 18.2% in the prior year.
- Promotion was the largest driver of incremental volume, increasing from 8.5% to 10.3%.
- The contribution of FDOC marketing dropped from 9.3% to 7.0% of volume.

52 Weeks Ending 10/4/08

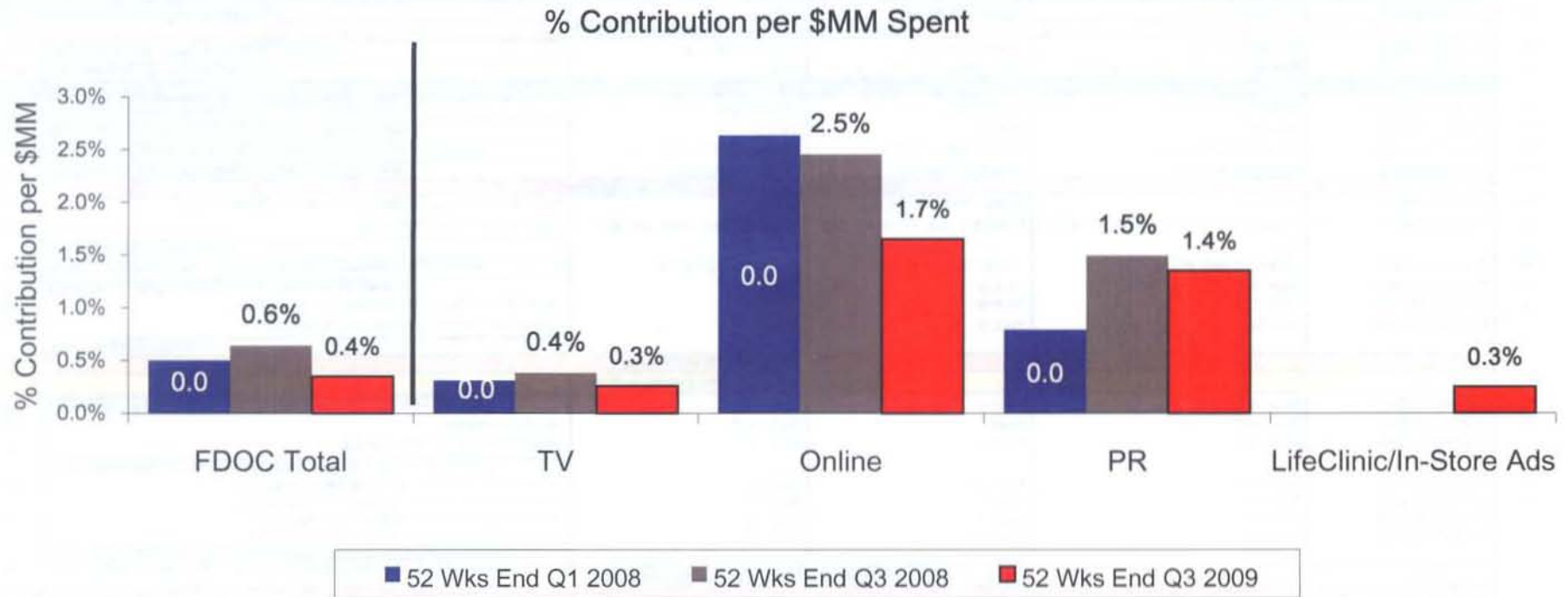


52 Weeks Ending 10/3/09



FDOC Marketing Contribution per \$MM

- FDOC's marketing investment resulted in lower contributions than in previously measured yearly periods.
- Online and PR continue to outpace TV in terms of contribution per dollar spent, while the higher cost of LifeClinic and the in-store ads resulted in a relatively low efficiency.



Spend (\$MM)	16.2	14.6	19.8	14.0	12.4	15.5	1.0	1.3	0.7	1.1	0.8	0.8	2.8
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**FLORIDA DEPARTMENT OF CITRUS
PROGRAM EVALUATION MEASUREMENTS
FY 2009-10
July 2010 End of Year**

Measurement	2008-09 Results	2009-10 Established Goal	2009-10 FYTD Results	Comments / Date		
ECONOMIC INDICATORS						
Retail Juice Sales - Gallons and Dollars						
1	100% Orange Juice Gallons	-0.2%	2.0%	0.0%	6/12/2010	▼
2	100% Orange Juice Dollars	-3.7%	0.0%	-4.9%	6/12/2010	▼
3	100% Grapefruit Juice Gallons	-1.4%	1.0%	-5.1%	6/12/2010	▼
4	100% Grapefruit Juice Dollars	-1.8%	0.0%	-5.2%	6/12/2010	▼
Domestic Fresh Shipment - Revenues						
5	Orange & Specialty	1.1%	12%	11.2%	6/27/2010	▼
6	Grapefruit	-21.1%	9%	24.7%	6/27/2010	▲
7	Fresh Grapefruit Exports - Revenues	-25.3%	10%	23.7%	6/27/2010	▲
DOMESTIC MARKETING						
Orange Juice						
TV Advertising						
8	Communication Awareness	56%	57%	51%	6/30/2010	▼
9	Positive Message Importance	80%	84%	78%	6/30/2010	▼
10	Online Advertising Awareness	N/A	61%	64%	12/31/2009	▲
11	PR - Positive Consumer Impressions	232,374,595	215,000,000	233,892,649	6/30/2010	▲
Trade Initiatives						
12	Retail Placements	23 of top 75 (31%)	30 of top 75 (40%)	24 of the top 75 (32%)	6/30/2010	▼
13	Foodservice Operator Placements	N/A	10% of top 500	150%	6/30/2010	▲
Grapefruit / Grapefruit Juice						
14	Print Advertising Impressions	76,664,805	41,802,563	41,802,563	2/28/2010	▲
15	PR - Positive Consumer Impressions	61,066,067	84,700,000	107,678,216	6/30/2010	▲
16	Accurate/Neutral GFDI Reports	69%	80%	85%	6/30/2010	▲
17	Consumer Promotions-Spoons	19,563	10,000	12,504	6/30/2010	▲
Fresh Fruit						
18	Orange & Specialty	N/A	5 of Top 10 Markets	6 of Top 10 Markets	6/30/2010	▲
19	Gift Fruit PR Impressions	4,292,460	5,000,000	6,202,610	6/30/2010	▲
In-State Marketing Programs						
20	Marketing Initiatives	N/A	6,000,000	6,288,941	6/30/2010	▲
INTERNATIONAL MARKETING						
21	TV - Canadian TV Impressions	96,340,851	91,006,773	94,880,000	6/30/2010	▲
22	Positive PR Impressions - Europe	N/A	230,000,000	396,907,891	6/30/2010	▲
23	Accurate / Neutral GFDI Reports	N/A	90%	79%	6/30/2010	▼
Trade Initiatives						
24	Number of in-store promotions - Japan	10,034	8,000	7,127	6/30/2010	▼
25	Key chains participating in programs - Europe	12	12	13	6/30/2010	▲
26	Key chains participating in programs - Canada	3	3	3	6/30/2010	▲
FDOC OVERALL OPERATIONS						
27	Grower Satisfaction Survey Results	NA	70%	79%	4/30/2010	▲
28	Percent Contribution per \$MM spent	0.50%	0.50%	0.40%	4/30/2010	▼
29	Industry Presentations & Meetings	60	60	68	6/30/2010	▲
30	FDOC Administrative Budget	\$ 2,628,787	\$ 2,800,000	\$ 2,594,729	6/30/2010	▲
Research Education Presentations						
31	Economic & Market Research	20	20	20	6/30/2010	▲
32	Health, Nutritional & Medical	25	25	21	6/30/2010	▼
33	Disease Research Funding	\$ 7,243,279	\$ 9,200,000	\$ 9,117,025	6/30/2010	▲
<i>"Grow the market for the Florida citrus industry to enhance the economic well-being of the Florida citrus grower, citrus industry and the State of Florida."</i>						

**To View 2011 FDOC Commercials visit
www.floridajuce.com**



*Florida Department of
Environmental Protection
Secretary Mimi A. Drew*

“More Protection, Less Process”

*Prepared for: House Agriculture & Natural Resources Subcommittee
Chair: Steve Crisafulli*

January 11, 2011



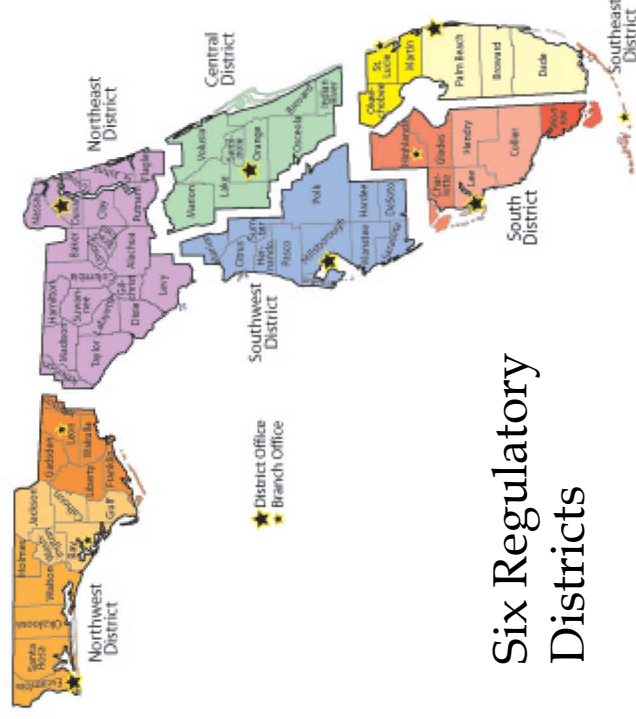
Responsible for managing, restoring and protecting the environment

- 3,551.5 full time employees
- 1,102 OPS employees
- Budget: \$1,487,586,014
- Agency divided into three primary areas
 - Regulatory Programs
 - Land & Recreation
 - Policy & Planning



Regulatory Programs

- Air Resource Management
- Waste Management
- Water Resource Management
- Environmental Assessment & Restoration
- Siting Coordination



Six Regulatory Districts



Regulatory Programs – By the Numbers

- Number of Facilities and Sites Currently Regulated: 74,587
 - Air: 4,309
 - Asbestos Sites: 779
 - Domestic Wastewater: 2,335
 - Drinking Water: 5,565
 - Hazardous Waste: 30,171
 - Industrial Wastewater: 1,600
 - Mines: 645
 - NPDES Stormwater Sites: 28,128
 - Oil and Gas: 194
 - Solid Waste: 645
 - Underground Injection: 216
- 49,417 permits and authorizations in FY 09/10



Land & Recreation

- Recreation & Parks
- Greenways & Trails
- Coastal & Aquatic Managed Areas
- State Lands
- Florida Geological Survey
- Cabinet Affairs



Land & Recreation – By the Numbers

- 3.8 million acres total conservation lands purchased by the state of Florida since 1963.
- Recreation & Parks
 - 160 state parks spanning 704,139 acres.
 - More than 20 million visitors to state parks in FY 09/10, generating more than \$800 million in economic impact.
- Greenways & Trails
 - 12 state managed trails spanning 84,265 acres.
 - More than 4.76 million visitors in 09/10.
- Coastal and Aquatic Managed Areas
 - 45 sites managed covering more than 4,000,000 acres.
- 2,700 sovereign submerged land leases.



Policy & Planning

- Administrative Services
- Technology & Information Services
- Intergovernmental Programs
- Legislative Affairs



Federal/State Regulatory Relationship

- Primary federal laws
 - *Clean Air Act*
 - *Clean Water Act*
 - *Resource Recovery & Conservation Act*
 - *Rivers and Harbors Act*
 - *Safe Drinking Water Act*
- The following requirements apply directly to all states:
 - Adoption of air and water quality standards.
 - Assessment and reporting on water quality.
 - Adoption of water pollution limits (TMDLs).



Federal/State Regulatory Relationship

- Other requirements apply because Florida has sought and accepted authority to implement various federal programs:
 - Air
 - Drinking water
 - Solid & hazardous waste
 - Stormwater quality
 - Wastewater
 - Water infrastructure funding (State Revolving Fund)
- Florida implements these programs under state laws.
- \$128.1 million provided by EPA for approved programs in 2010.



Federal Programs – DEP Implementation

- Results of implementing a federally-approved program:
 - Florida controls Florida’s issues to the maximum extent possible.
 - Public rulemaking, stakeholder involvement.
 - Streamlining – no duplication.
 - Expedited permit reviews.
 - Better public service.
 - Responsiveness to permit applicants.
 - Compliance assistance.
 - Complaint and constituent response.
- Significant federal funding.



Federal Programs – EPA Implementation

- Consequences of direct federal implementation:
 - Loss of state control.
 - Reduced responsiveness to regulated parties.
 - Permitting delays – no federal time clocks.
 - Remote staff, unfamiliar with local Florida circumstances.
 - Reliance on enforcement rather than compliance assistance.
 - Less public rulemaking; operation by unadopted policies.
 - Loss of significant federal funding.



State/Local Regulatory Relationship

- Three basic scenarios:
 1. Local government does not implement any environmental regulatory programs – state programs apply.
 - This is the case for the majority of local governments.
 2. Delegation where a local program implements on behalf of DEP.
 - Available in air, drinking water, ERP, wastewater, waste.
 - Must have adequate resources.
 - Must be at least as stringent as state program.
 3. State and local programs both in effect.



Secretary Mimi A. Drew

Florida Department of Environmental Protection

850.245.2011

Mimi.Drew@dep.state.fl.us



Fish and Wildlife Conservation Commission

Presentation to:

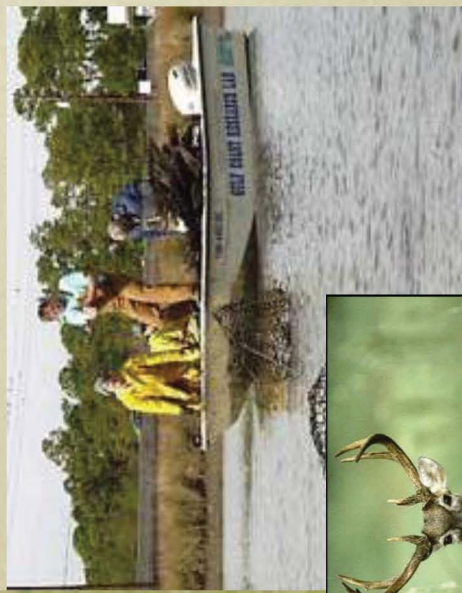
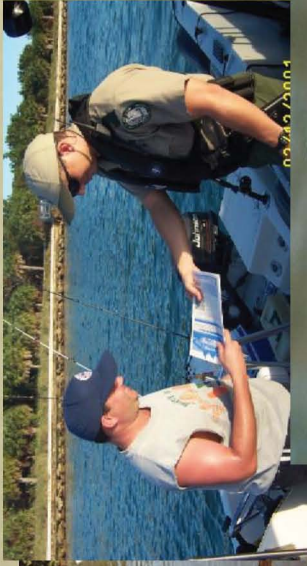
House Agriculture and Natural Resources Subcommittee



Nick Wiley, Executive Director
January 11, 2011

FWC Mission

Managing fish and wildlife resources for their long-term well-being and the benefit of the people.



Economic Impact

Category	Economic Impact	Jobs
Boating Industry	\$18,900,000,000	220,000
Saltwater Fishing	\$5,499,000,000	54,500
Freshwater Fishing	\$2,541,000,000	24,800
Wildlife Viewing	\$5,688,000,000	51,400
Hunting	\$754,000,000	10,700
TOTAL	\$33,382,000,000	361,400



2008 Sales Impacts of the Florida Seafood Industry

	Sales	Job
Commercial Harvesters	\$ 171,385,000	3,000
Seafood Processors & Dealers	\$ 423,923,000	4,000
Seafood Wholesalers & Distributors	\$ 1,272,539,000	11,700
Retail Sector	\$ 3,789,399,000	90,000
Total	\$ 5,657,246,000	108,700



FWC Commission

7 Commissioners - appointed by the Governor for 5-year staggered terms, confirmed by Senate

- Rodney Barreto, Chairman
- Richard Corbett, Vice Chairman
- Kathy Barco
- Ron Bergeron
- Dwight Stephenson
- Ken Wright
- Brian Yablonski



Citizens of the State of Florida

Florida Fish and Wildlife Conservation Commissioners

Chief Financial Officer
Sandra Wilson

Office of Executive Director
Nick Wiley, Executive Director
Greg Holder, Asst. Executive Director
Karen Ventimiglia, Deputy Chief of Staff

Office of Inspector General
Jim Knight

Division of Hunting and Game Management

Diane Eggeman, Director

Division of Marine Fisheries Management

Mark Robson, Director

Division of Freshwater Fisheries Management

Tom Champeau, Director

Division of Law Enforcement

Col. Jim Brown, Director

Fish and Wildlife Research Institute

Gil McRae, Director

Division of Habitat and Species Conservation

Tim Breault, Director

Offices/Directors:

Finance & Budget Office, Whit Springfield
Office of Information Technology, Kevin Patten
Office of Planning Policy Coordination, Nancy Linehan
Office of Human Resources, Cindy Hoffman
Office of Licensing and Permitting, Bill Hunter

Office of Recreation Services, Jerrie Lindsey
Legislative Affairs Office, Jackie Fauls
Legal Office, Bud Vielhauer
Community Relations Office, Doc Kokol

Office of Regional Operations
Chuck Collins, South Region
Dennis David, Northeast Region
Roland Garcia, North Central Region
Louie Roberson, Northwest Region
Chris Wynn, Southwest Region



Fish and Wildlife Conservation Responsibilities



Bud Vielhauer
General Counsel

Conserving Fish and Wildlife in Florida

- Early history of regulating fish and wildlife
- FWC was modeled after the Game and Fresh Water Fish Commission, a constitutional agency created in 1943
- FWC was created by Article IV, Section 9, Florida Constitution effective July 1, 1999



Source of Responsibilities

- Constitution delegates the executive and regulatory powers of the state to FWC with respect to:
 - wild animal life
 - freshwater aquatic life
 - marine life
- Legislature delegates additional responsibilities to FWC by statute



Constitutional Responsibilities

- Regulation and management of all fish and wildlife
 - In the wild and in captivity
 - Including imperiled fish and wildlife species
- Regulation of hunting and fishing

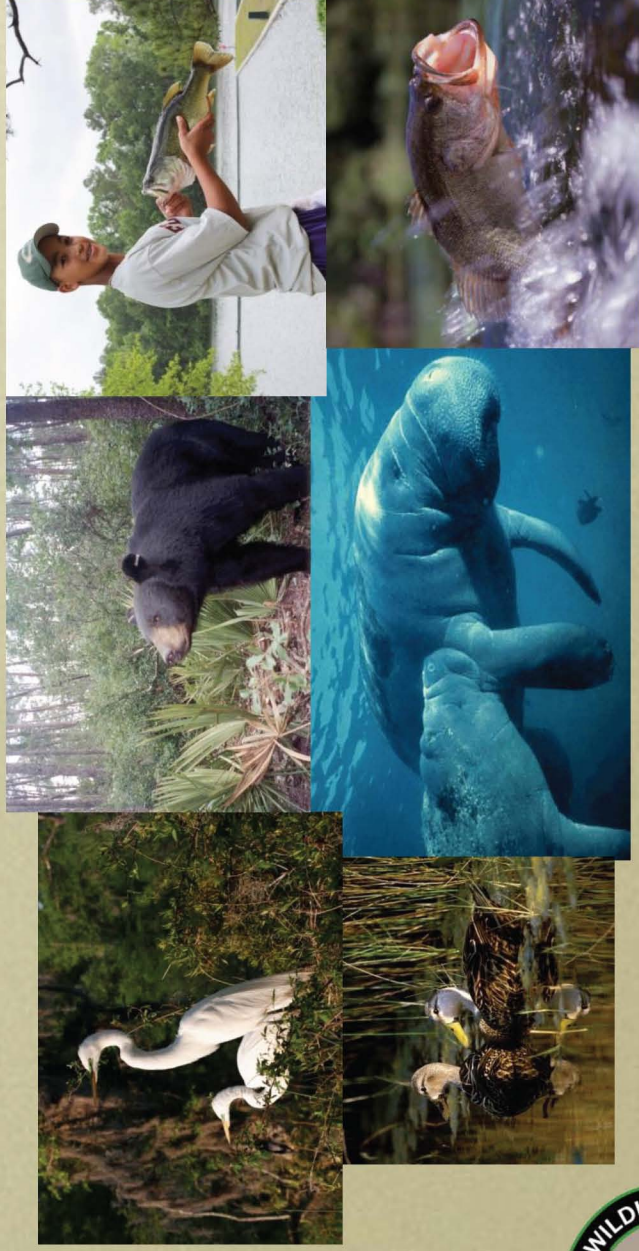


Statutory Responsibilities

- Regulation and management of manatees, sea turtles, and whales
- Fish and wildlife license fees
- Management of state lands and public access
- Management of invasive plants
- Fish, wildlife, and boating penalties
- Boating safety and access
- Public safety
- Hunter safety courses and hunter clothing



Wildlife and Freshwater Fisheries



Tim Breault
Director, Division of Habitat & Species Conservation

Why Manage Fish and Wildlife

- Considered public trust resources
- Managed to accommodate public values
 - Public values include:
 - Hunting and Fishing
 - Wildlife observation and appreciation
 - Minimizing human/wildlife conflicts
 - Maintaining rare or declining species
 - Economic values, e.g. tourism, hunting leases, fishing tournaments



Science Guides Management

- Research
 - Population status and trends
 - Distribution and life history
 - Habitat management techniques
 - Human attitudes and beliefs
- Monitoring
 - Harvest information, including number, age & sex
 - Effectiveness of management strategies
 - Population response to habitat
 - Relative abundance



Laws and Policies

- State freshwater fish and wildlife law is primarily based on the Constitution and FWC rules
- Federal wildlife law is based on:
 - Endangered Species Act
 - Marine Mammal Protection Act
 - Migratory Bird Treaty Act
 - Bald and Golden Eagle Protection Act
 - Lacey Act
 - Code of Federal Regulations



State and Federal Coordination Example

- Imperiled Species – endangered and threatened
- New state imperiled species listing process
 - Developed with stakeholders
 - Removed Federal species from State list
 - Eliminated duplicative State and Federal permits
 - Potential to preclude Federal listing
 - Potential for delegating Federal permitting to the State



Saltwater Fisheries

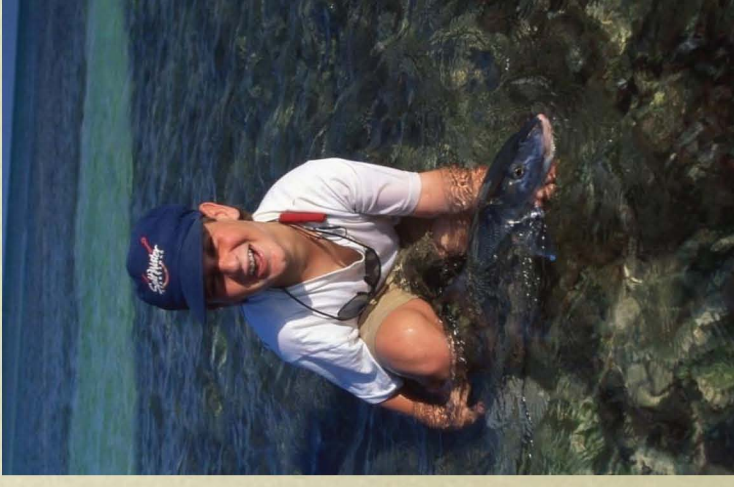


Mark Robson

Director, Division of Marine Fisheries Management

Why Manage Saltwater Fishing

- Sustainable fishing opportunity
 - Sport fishing
 - “Fishing Capital of the World”
 - Commercial harvest and quality seafood
- Equitable use
 - Allow diversity of fishing activities
 - Minimize user conflicts
 - Ensure opportunity for future generations



Science Guides Management

- Research/Monitoring
 - Collect harvest and biological information
 - Conduct periodic stock assessments of important species
- Information feeds directly into management strategies
 - Seasons, harvest limits, allowable gear
 - FWC rules are usually species-specific
 - Overall goal is to allow broadest possible use and enjoyment of Florida's resources



Laws and Policies

- State fisheries law is based on Constitution and FWC rules
- Federal fisheries law is guided by:
 - International treaties
 - Congress (Magnuson Stevens Act)
 - Regional Fishery Management Councils
 - Code of Federal Regulations



State and Federal Coordination

- Florida regulations apply in state waters
 - 3 miles out on the Atlantic, 9 miles out on the Gulf of Mexico
- NOAA Fisheries Service regulates federal waters
 - Only species under a federal “management plan”
- States participate in federal regulatory process
 - Regional Fishery Management Councils
- Florida strives for rule consistency in both state and federal waters

