

The Florida Senate
COMMITTEE MEETING EXPANDED AGENDA

APPROPRIATIONS
Senator Bradley, Chair
Senator Simpson, Vice Chair

MEETING DATE: Wednesday, February 13, 2019
TIME: 10:00 a.m.—12:00 noon
PLACE: *Pat Thomas Committee Room, 412 Knott Building*

MEMBERS: Senator Bradley, Chair; Senator Simpson, Vice Chair; Senators Bean, Benacquisto, Book, Brandes, Braynon, Flores, Gainer, Gibson, Hutson, Lee, Mayfield, Montford, Passidomo, Powell, Rouson, Simmons, Stargel, Stewart, and Thurston

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Presentation on Citrus Industry in Florida		Presented

Other Related Meeting Documents

Fiscal Year 2018-19 Citrus Funding

Issue	GR	TF	Total by Issue	Comments
Department of Agriculture and Consumer Services - Citrus Research		\$8,000,000	\$8,000,000	Funds are transferred to the Citrus Research and Development Foundation for research projects.
Department of Agriculture and Consumer Services - Citrus Health Response Program (CHRP)		\$7,055,176	\$7,055,176	Surveying of groves for pests and diseases and to ensure growers are taking appropriate measures to suppress disease incidence and minimize spread. Includes nursery inspection program for disease-free trees for new plantings and the citrus budwood program which supplies nurseries with clean budwood stock.
Department of Agriculture and Consumer Services - Citrus Crop Decline Supplemental Funding	\$2,500,000		\$2,500,000	Provides supplemental funding in the Citrus Inspection Trust Fund to offset the decrease in citrus box taxes revenues. Trust fund has historically supported inspections, the agricultural statistics program and the Citrus Budwood Program.
Department of Citrus - Florida Forward Consumer Communication Program	\$5,000,000		\$5,000,000	Consumer and influencer education and engagement program that provides citrus nutrition information to consumers as well as pediatricians, family physicians, dietitians, and nutritionists regarding the nutritional value of citrus products.
Department of Citrus - New Citrus Varieties Development	\$650,000		\$650,000	Program evaluates and prioritizes the state's need for new citrus varieties. The program was established to support in-state breeding of new varieties for consumer market expansions and disease resistance to benefit citrus growers and the industry.
Total Appropriation	\$8,150,000	\$15,055,176	\$23,205,176	

The State of the Florida Citrus Industry

Senate Appropriations Committee
February 13, 2019

*Presented by
Michael W. Sparks, Florida Citrus Mutual*



Florida Means Citrus

- Citrus introduced to Florida by Spanish explorers, probably Ponce de Leon
- First plantings in St. Augustine around 1513
- Commercial citrus production began to gather steam in 18th century
 - Soon after the Civil War, Florida's annual commercial citrus production totaled one million boxes
 - Climbed to more than five million boxes by 1893
- 1945 production exceeded 43 million boxes.



Photo courtesy of State of Florida Archives



Florida Means Citrus

- FCOJ Invented in 1945, orange juice would become Florida's signature product
- At its peak, Florida citrus plantings reached nearly 860,000 acres – 1996
 - 244 Million boxes of oranges
 - 50 Million boxes of grapefruit
- 95% of Florida citrus crop is processed for orange juice
- Florida Citrus Growers
 - Growing citrus for 500 years
 - 3rd, 4th and 5th generation family farms
 - Resilient bunch – **ALWAYS DEALT WITH OBSTACLES**



Photo courtesy of UF/IFAS

The Past Decade Has Been Difficult...

The Most Challenging in the History of Florida Citrus

- Invasive Pest & Diseases
- Hurricane Irma – September 10, 2017
- Significant production loss
- Falling orange juice consumption

Florida Citrus is at a Crossroads!



Huanglongbing, HLB, or Citrus Greening

- No single factor has contributed more to the decline in citrus production than HLB
- Bacterial disease spread by the Asian Citrus Psyllid
- Attacks a tree's vascular system and reduces fruit production to unsustainable levels in just a few years
- The solution may be a combination of research findings and not one "silver bullet" answer
- All commercial citrus groves with mature trees have been infected by HLB
- Tree mortality now exceeds tree replanting rates
- Grower production costs have tripled while utilizing a "mixed bag" strategy and focusing on increased production from existing groves



Photo courtesy of UF/IFAS

Hurricane Irma



- Florida citrus took another hit from Mother Nature when Hurricane Irma made landfall on September 10, 2017
- Hurricane tore through the heart of the Florida citrus industry with a methodical march through Collier, Lee, Charlotte, Desoto, Highlands, Hendry, Glades and Polk counties
- Nearly the entire 400,000 acre citrus industry was affected
 - Winds up to 110 miles per hour
 - Reports of rainfall topped 19 inches
 - Reports of 100 % fruit blown off tree and trees uprooted
 - East side of the storm, the strongest side, ripped through citrus' primary growing regions
- Citrus damage estimated at \$760 million.



USDA Financial Assistance for Florida Citrus Growers

- Hurricane Irma – September 2017
- Congressional Appropriations – February 9, 2018
 - Wildfire and Hurricane Indemnity Program (WHIP)
 - Florida Citrus Recovery Block Grant - \$340 million
 - Appreciative
 - Frustrated
 - Encouraged
- Major revisions to the USDA RMA Citrus Crop Insurance Program - ongoing



Florida Citrus... by Boxes & Acres



Stressed Grove

Season	Boxes	Bearing Acres
2007-08	203,800,000	538,900
2008-09	189,200,000	530,900
2010-11	166,050,000	503,600
2012-13	156,230,000	489,600
2014-15	112,650,000	460,641
2016-17	77,420,000	436,867
2017-18	49,580,000	447,012
2018-19 Est.	86,900,000	447,012

Economic Impact of Huanglongbing

	2007-08 Season	2018-19 Season	Decrease	Percent Decrease
Production Boxes (millions)	203.8	86.9	(116.9)	-57%
Bearing Acres	538,900	447,012	(91,888)	-17%
Annual On-tree Value (billion)	\$1.5	\$0.8	(\$0.7)	-47%
Annual Economic Impact (billion)	\$10.0	\$7.2	(\$2.8)	-28%
Jobs	76,336	50,030	(26,306)	-34%
Processing Plants	25	12	(13)	-52%
Fresh Fruit Packinghouses	45	22	(23)	-51%
Florida Citrus Growers	8,000	2,500	(5,500)	-69%

Marketing Challenges



Reduced production has resulted in higher retail prices and reduced consumption

- Per capita consumption has dropped from 5.7 gallons to 2.6
- Retail Price - \$4.77 a gallon 10 years ago - \$6.80 a gallon presently
- Competition – bottled water, energy drinks, sports drinks, exotic blends
- Bad Press – Obesity, sugar and calorie content, even cancer-causing reports have been perceived as negative attributes
- Need for Florida Department of Citrus; continue to promote the positive attributes of Florida citrus



Photo courtesy of Flickr/Mike



Florida Citrus...

We Are Down but Not Out; Don't Write Our Obituary!

- Provides more than 50,000 jobs
- Citrus forms the backbone of many communities throughout the state's interior
- Total economic impact \$7.2B annually



- Orange juice is still the most popular fruit juice among U.S. consumers with per capita consumption dwarfing other fruit juices.
- Popularity is not only bolstered by great taste but we are also the most nutrient dense juice packed with Vitamin C, potassium and folic acid

The Future of Florida Citrus Will be Found in Research



- Florida citrus growers in 2008 formed the Citrus Research and Development Foundation (CRDF), which is funded by self-imposed taxes on growers as well as supplemental general revenue appropriations. The CRDF's mission is to advance research to ensure the survival of Florida's citrus industry.

- More than 100 research projects are currently underway across the globe.

- The Florida citrus industry and state and federal have spent more than \$250 million

- \$139 million by CRDF

\$71 million	Growers
\$46 million	General Revenue
\$22 million	Other

- We are seeing results.



Photo courtesy of University of Florida/IFAS

Basic Research Breakthroughs

- **Horticulture**: Variety improvement teams have developed new rootstocks and scions that are ready to be field-tested for HLB tolerance/resistance.
- **Entomology**: An understanding of transmission of the HLB bacteria by the Asian citrus psyllid (ACP) is ready to be developed into a successful management program.
- **Pathology**: Recent understanding of the below-ground pathology to improve root health will lead to better control of soil-borne root pathogens and pests of citrus with HLB.



Photos courtesy of USDA

The Key Now is Moving Research to the Field



- The future of the Florida citrus industry now relies on moving these laboratory breakthroughs into the grove.
- CRAFT (Citrus Research and Field Trials)
 - Will Craft the Future of Florida Citrus
 - A research-driven program with grower participation
- 2019 research program will include large-scale grower field trials (5,000 acres total) utilizing management tools for new plantings, including grove design, planting preparation, pest management, and post-planting production practices.
 - Cost analysis
 - Five year evaluations
 - Communication of successful field trials
- The goal is to provide growers with the confidence to replant and rebuild the Florida citrus industry to a level that will sustain existing infrastructure and ultimately drive expansion.

Moving Forward



Florida citrus growers are appreciative of the support they have received from the State.

We know that the continued partnership with the State will be necessary for us to be able to transform and regrow the Florida citrus industry.

Thank You!





Where We Are And Where We're Going

What is our strategy?

Help growers squeeze enough production from HLB-infected trees until a greening resistant or tolerant tree solves the problem for good.

Organizational Changes

1. Reduced office staff by 25% - \$70K per year savings
2. Website redesign – \$37K per year savings
3. Renegotiating FFVA Contract
4. Updated CRDF Business Plan – not done since 2009
5. Updated CRDF By-laws
6. Changed CRDF Committee Structure
7. Created Select Committee on Plant Improvement
8. Changing project selection process (Staff Analysis)
9. Different evaluation protocol

Communication Efforts

- Board meetings held in all citrus-producing regions
- Grower Education Sessions follow each Board of Directors meeting
- *Grower Report* newsletter
- Monthly article in *Citrus Industry Magazine*
- Citrusrdf.org web page – currently being re-designed to be more user-friendly (easier to find research and grower forum)
- Sponsorship of Citrus Expo, Annual Grower Meeting, Citrus Grower Institute
- COO talks across the state

Examples of Tools Developed for Management of HLB Through CRDF-Funded Research

- Root Health Management
- Irrigation and Nutrition
- Soil Acidification
- CTV as a Tool for Delivery of Antimicrobial Peptides
- Asian Citrus Psyllid (ACP) Management

Basic Research vs. Applied Research

Basic Research: Focuses on a better or fuller understanding of a subject, phenomenon, or a basic law of nature

Applied Research: Scientific research that seeks to solve practical problems

Task at Hand: Blend the two by taking what we have learned through basic research and scaling it up to field application

Basic research ready to be tested in the field:

- Horticulture and New Varieties
- Entomology – sticky trap has potential
- Pathology – killing agents into the phloem of the tree
- Microbiology – methodology of detecting living vs. dead HLB bacteria
- Economics – is it cost effective on a commercial basis?
- Food Science – fruit quality/food safety



**Where Will We Go To
Find The Answers?**

Anywhere

QUESTIONS?

THANK YOU!

Florida Department of Citrus

*presentation to the
Florida Senate Committee
on Appropriations*

Shannon Shepp
Executive Director
February 13, 2019



FLORIDA CITRUS

Contributing to Florida's economy since 1893

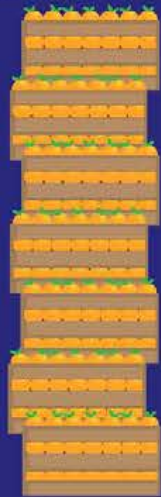
CITRUS PRODUCTION

Contributing **\$7.2 billion** in industry output to Florida's economy

1.9 MILLION BOXES
Specialty Fruit

7.8 MILLION BOXES
Grapefruit

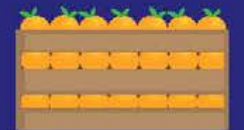
68.7 MILLION BOXES



Oranges



FLORIDA CITRUS PRODUCTION EQUALS 1.5X THE TOTAL SPACE OF THE **VEHICLE ASSEMBLY BUILDING** AT NASA'S KENNEDY SPACE CENTER



PACKED CITRUS
12,588,860 cartons

ENOUGH TO COVER THE FOOTPRINT OF THE **EXECUTIVE TOWER** AND REACH 2.6X AS HIGH



CITRUS JUICE
774 million gallons

=



ENOUGH TO GIVE EVERYONE IN THE **WORLD AN 8OZ CUP OF JUICE**



CITRUS BYPRODUCT
322,803 tons

=

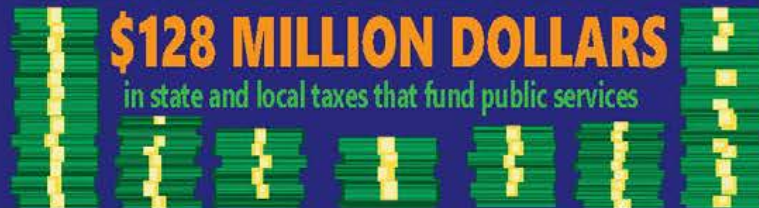


THE TOTAL WEIGHT OF ALL **ALLIGATORS IN FL**

TOTAL STATE & LOCAL TAX CONTRIBUTIONS

\$128 MILLION DOLLARS

in state and local taxes that fund public services



DIRECT CONTRIBUTIONS

TOTAL INDUSTRY OUTPUT

\$4.433 BILLION DOLLARS

citrus growers, processors, and packinghouses

EMPLOYMENT

27,713 JOBS

fulltime and part-time

LABOR INCOME

\$978 MILLION DOLLARS

in income for Florida families

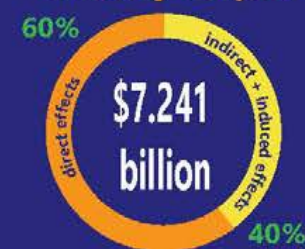
But it doesn't stop there.

Citrus activities also generate additional economic activity throughout Florida's economy, namely indirect and induced effects.

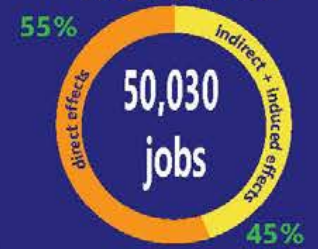


TOTAL CONTRIBUTIONS

Industry Output



Employment



Labor Income



Gross State Product





Florida Department of Citrus

- Established in 1935 by growers
- Self-funded for 80+ years
- 9 member Florida Citrus Commission appointed by Governor

CONSUMER EDUCATION AND ENGAGEMENT PROGRAMS

FLORIDA OJ PROGRAMS DRIVE DEMAND



PROVIDE HIGH RETURN ON INVESTMENT

A focus on **POSITIVE ATTRIBUTES**

of FLOJ **DRIVES** consumer demand and awareness of nutritional benefits

Perception of **NEGATIVE ATTRIBUTES** of FLOJ (sugar and calorie content)

have **MINIMAL IMPACT** on consumer demand

AMAZING



For every **\$1** spent...



FDOC delivers a net return of **\$9.75** to the State of Florida

Social Media and Digital Advertising

have a direct impact on demand by influencing market penetration and quantity/volume

FDOC consumer education and engagement programs **ENHANCED DEMAND** by

12%



1040+ jobs protected in Florida in the past year



CITATION:

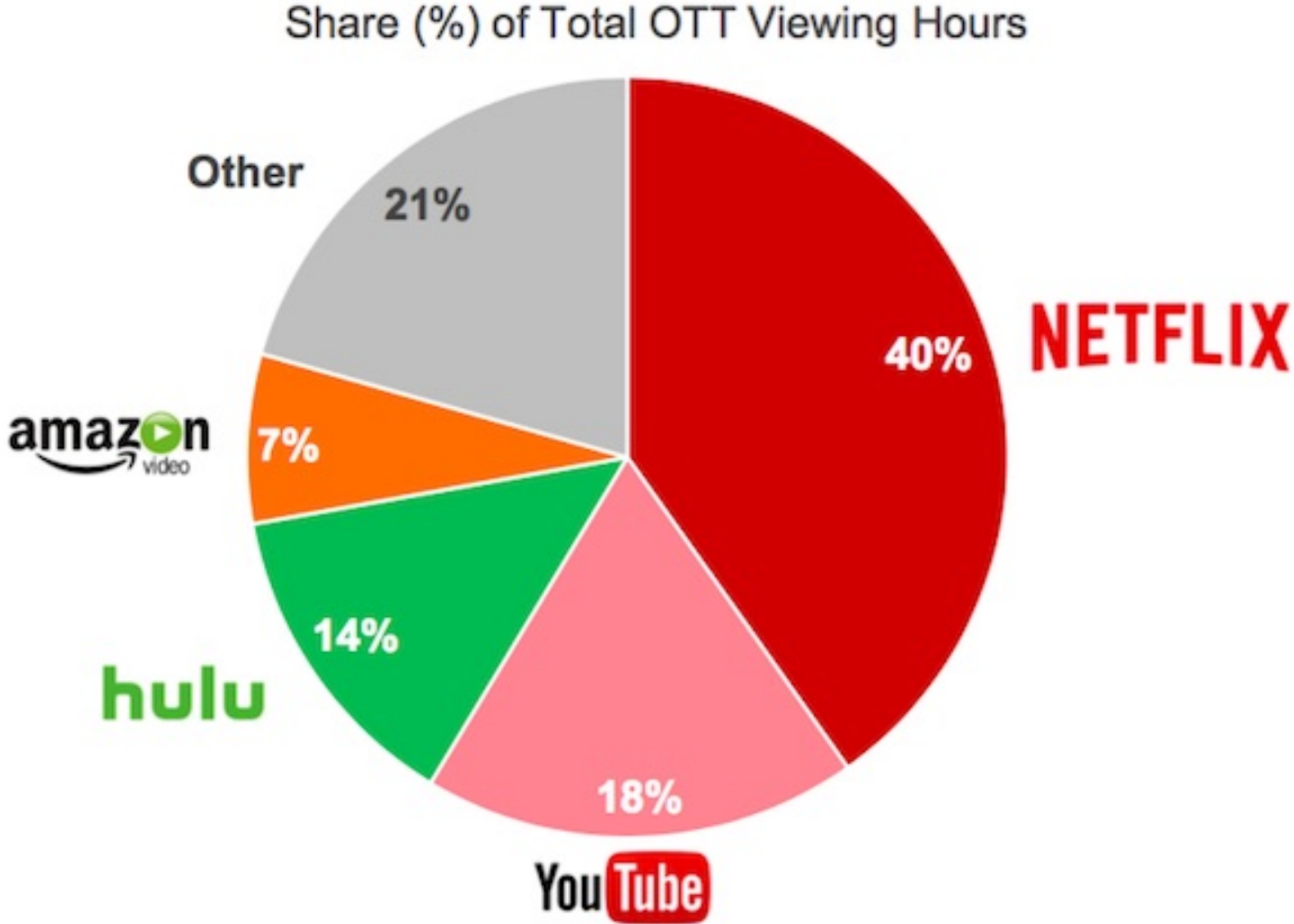
Heng, Y., R.W. Ward, L.H. House, and M.L. Zansler "Assessing Key Factors Influencing Orange Juice Demand in the Current US Market" Presented to Florida Citrus Commission on September 19, 2018.

UF/IFAS UNIVERSITY OF FLORIDA FLORIDA AGRICULTURAL MARKET RESEARCH CENTER

PRODUCED FOR

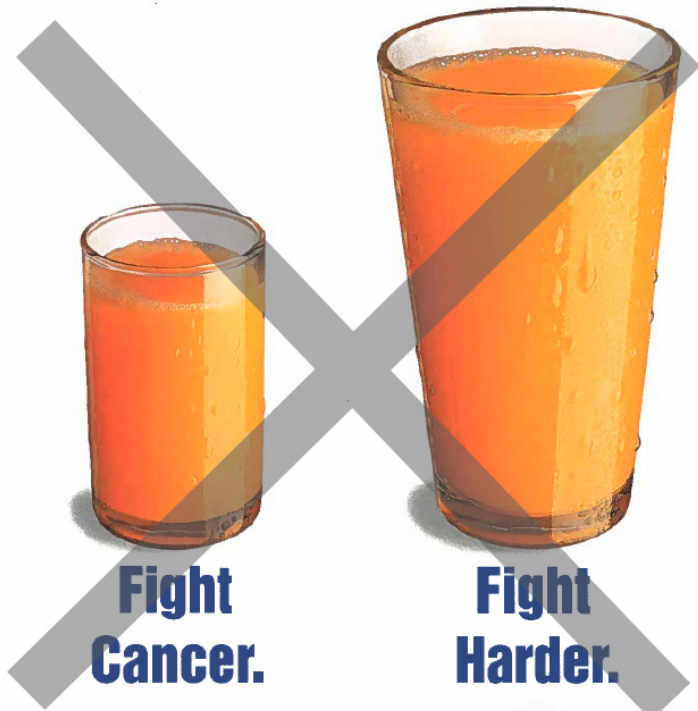


Media Consumption is On Demand



Source: comScore OTT Intelligence, U.S., April 2017

Health Claim Restrictions



**Fight
Cancer.**

**Fight
Harder.**

Drink more Florida Orange Juice.

Help yourself and the American Cancer Society.* When you purchase Florida Orange Juice, a portion of the proceeds, up to \$1 million, will be donated to the American Cancer Society. **Are you drinking enough?**



**AMERICAN
CANCER
SOCIETY**

*Low-fat diets rich in fruits and vegetables containing Vitamin A, Vitamin C and fiber may reduce the risk of some types of cancer. Florida Orange Juice is an excellent source of Vitamin C.



**Adults who consume
100% orange juice
perform better on
cognitive tests**

LEARN MORE



*Low-fat diets rich in fruits and vegetables containing Vitamin A, Vitamin C and fiber may reduce the risk of some types of cancer. Florida Orange Juice is an excellent source of Vitamin C.

AFTER READING HOW RESEARCH HAS FOUND THAT CERTAIN NUTRIENTS LIKE THOSE IN 100% PURE FLORIDA ORANGE JUICE MAY HELP PREVENT SOME TYPES OF CANCER*, MR. JOHNSON, KNOWN FOR HIS FRUGALITY, FINALLY RELENTED TO HIS EMPLOYEES' DEMANDS AND IMPROVED THE COMPANY'S HEALTH PLAN.



NOW THAT YOU KNOW MORE ABOUT THE BENEFITS OF 100% PURE FLORIDA ORANGE JUICE,

ARE YOU DRINKING ENOUGH?

FDOC is...

- Nutrition Focused
- Scientific-Based Research



New! OJ Nutrition Website

Catalogs **ALL**
Scientific Research
(Old & New)

Clinical Research Supporting Health Benefits



Heart Health (>10 supporting studies)

100% OJ consumption has been associated with favorable effects on several markers of cardiovascular health, including blood lipids, blood pressure, blood vessel function, and inflammatory and oxidative stress markers.



Brain Health (3 supporting studies + 1 in progress)

Flavonoids and hesperidin in oranges may help maintain cell health in brain tissue. These flavonoids are able to cross the blood-brain barrier, which the body uses to protect the brain from harmful agents.



Blood Sugar (7 supporting studies)

Clinical studies across various ethnicities show 100% OJ has no association with fasting glucose, insulin levels, insulin resistance, or other markers for Metabolic Syndrome

Clinical Research Supporting Health Benefits



100% OJ Drinkers typically have higher diet quality and increased levels of key nutrients

NHANES 2003-2006 Analysis. 100% OJ drinkers are more likely to meet their EAR/AI, have higher fiber and whole fruit intake, higher healthy eating index scores, meet fruit recommendations, lower risk of Metabolic Syndrome (men) and lower total LDL cholesterol



100% OJ has No Association with Weight Gain

NHANES 2003-2006 Analysis. 100% OJ adult drinkers have lower BMI, waist circumference, % body fat. Evidence does not support an association between 100% fruit juice consumption and weight status in children.



100% OJ is a source for hydration and rehydration after workouts

100% OJ may be a good beverage of choice to support fluid balance as it ranked higher than many other beverages on several measures of hydration in a recent study.

Hesperidin: A Powerful Polyphenol

OJ is the only commonly consumed food that is a **SIGNIFICANT SOURCE OF HESPERIDIN**

Hesperidin plays a valuable role in the overall benefits of 100% orange juice and may play a positive role in:

- Antioxidant
- Anti-inflammatory
- Heart and Vascular Health
- Glucose Metabolism
- Cognition

Same class of compounds responsible for benefits seen with **red wine, green tea, and cocoa/dark chocolate**



Red Wine
Resveratrol



Green Tea
Catechin



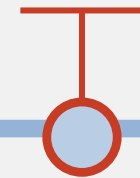
100% Orange Juice
Hesperidin

2018: FALL CONSUMER STYLES

- ✓ Online, nationally representative survey fielded in Fall 2018 among 3,561 U.S. adults
- ✓ ConsumerStyles fields three times a year, allowing programs to track perceptions/behaviors year over year
- ✓ Margin of error is +/- 1.22 percentage points
- ✓ Over 2,000 variables for analysis from attitudes, lifestyle values, purchasing behaviors, technology use, traditional and social media habits, information channels
- ✓ Included ten proprietary questions for FDOC, which includes 2 years of tracking data



Spring
Styles



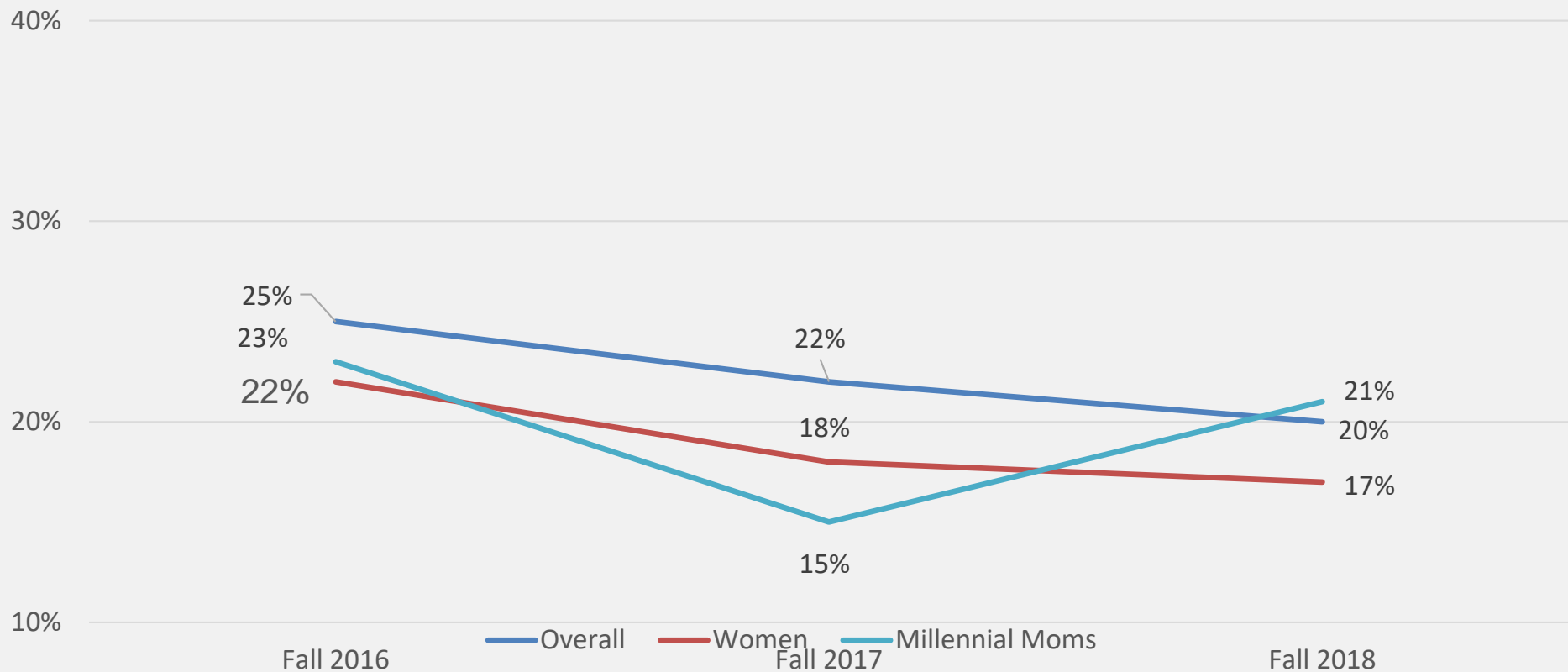
April

THREE KEY POINTS

1. Our key target audience, Millennial Moms, shows marked year over year improvement on key indicators.
2. Significant increase in recall of key messages, including that 100% OJ has vitamins and nutrients, is convenient.
3. Time to start thinking about emerging audiences?

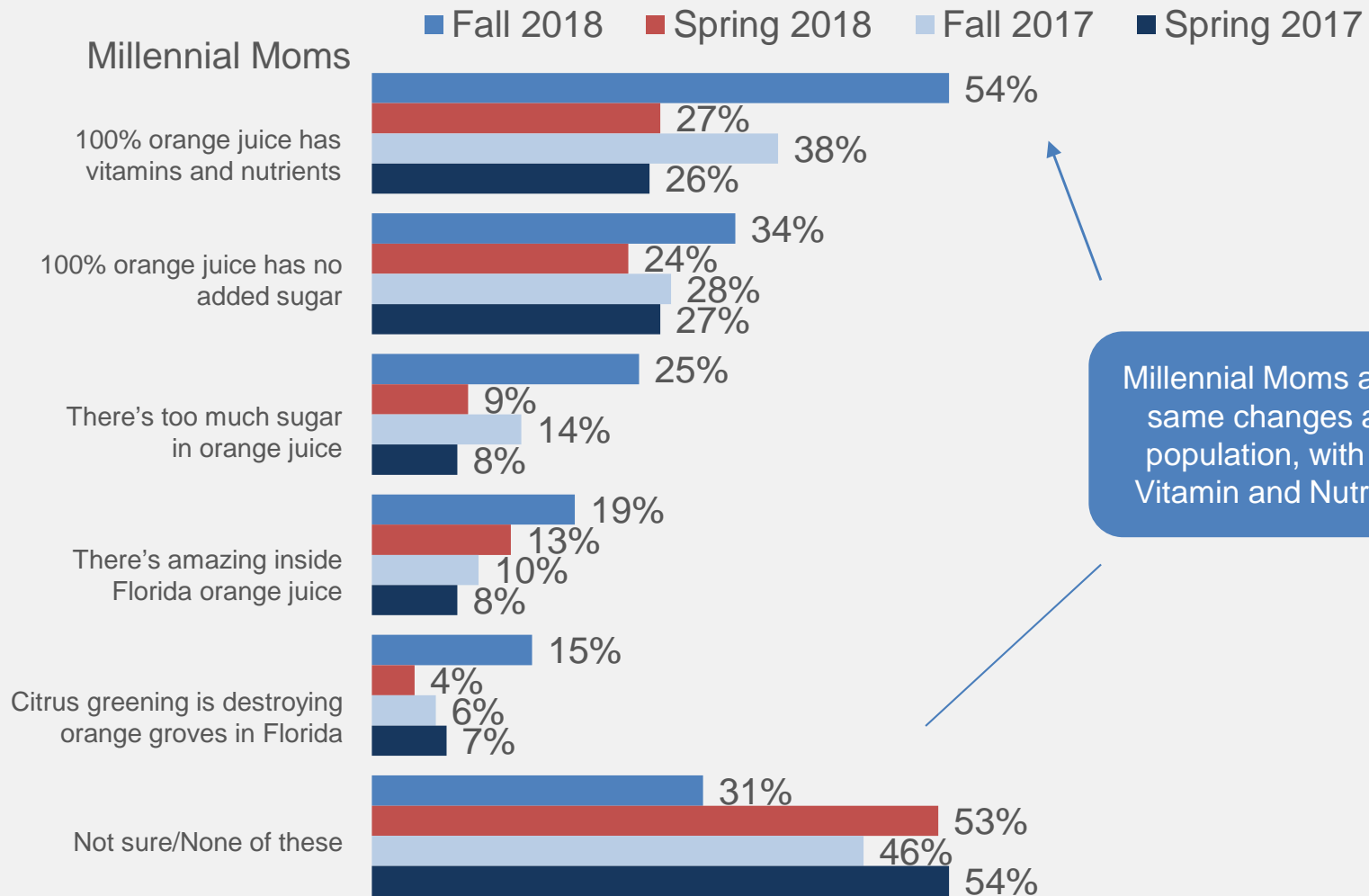
MARKED YEAR OVER YEAR IMPROVEMENT AMONG MILLENNIAL MOMS WHO DRINK OJ, BUCKING THE OVERARCHING TREND.

Drink 100% OJ Weekly+



DIRECT TARGETING WORKS. NUTRIENT CONTENT RECALL DOUBLES WITH MILLENNIAL MOMS IN THIS TRACKER.

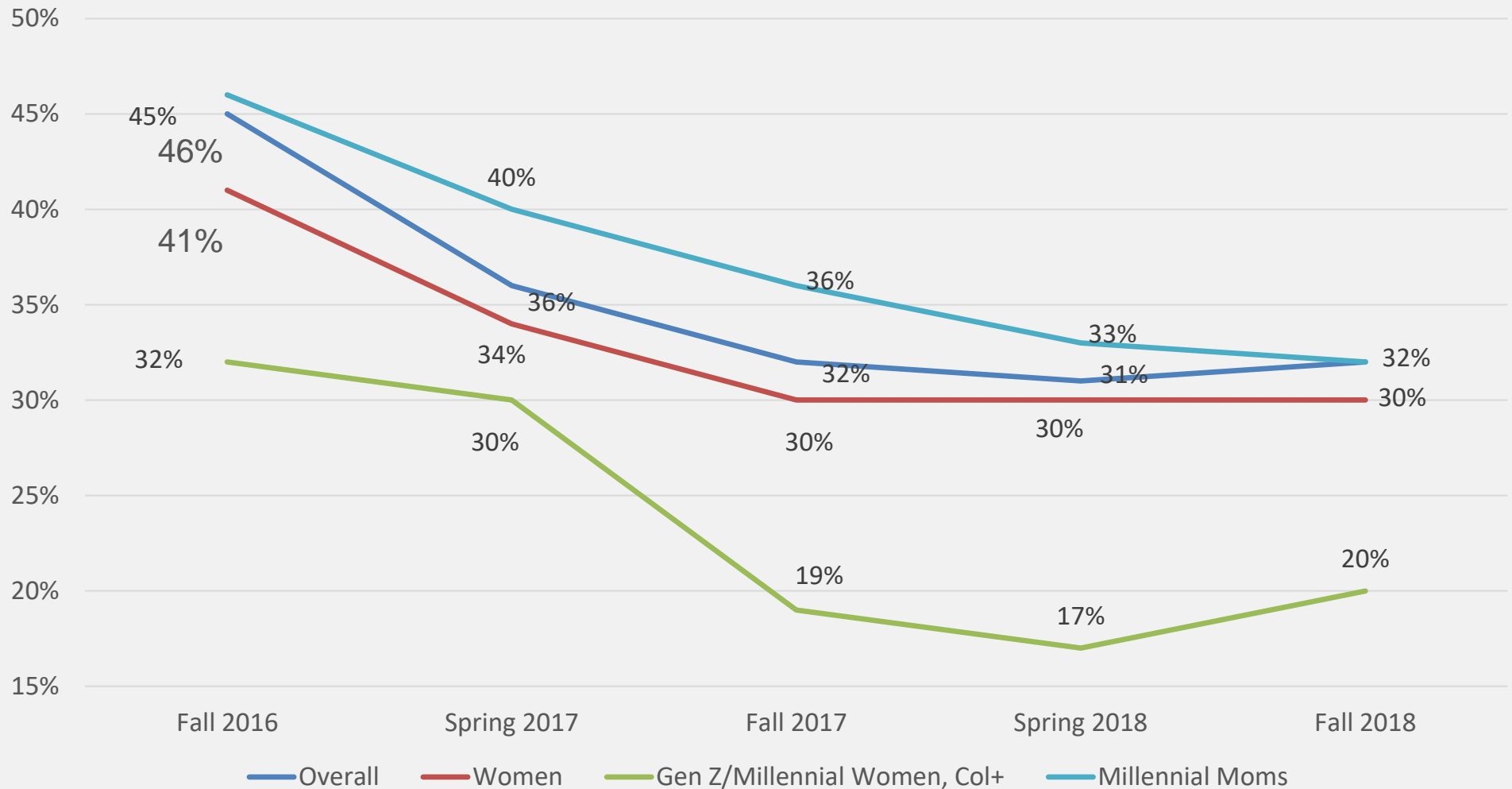
Here are some things you may have heard or seen about Florida orange juice. What have you heard or seen?



Millennial Moms are reflecting the same changes as the total US population, with an increase in Vitamin and Nutrient Messaging

A CLEAR LAG AMONG YOUNG COLLEGE EDUCATED WOMEN, WHO WE DO NOT CURRENTLY DIRECTLY TARGET WITH OUR PROGRAMS.

Strongly agree they feel good serving 100% OJ to their family or friends





THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

2-13-19

Meeting Date

Bill Number (if applicable)

Topic

FLORIDA CITRUS

Amendment Barcode (if applicable)

Name

MICHAEL W SPARKS

Job Title

CEO Florida Citrus Mutual

Address

600 E. BROADWAY

Phone

863 682-1111

Street

BARTOW

FL

33830

Email

Mikes@FCCitrus

City

State

Zip

Speaking:

For

Against

Information

Waive Speaking:

In Support

Against

(The Chair will read this information into the record.)

Representing

Florida Citrus Growers

Appearing at request of Chair:

Yes

No

Lobbyist registered with Legislature:

Yes

No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

THE FLORIDA SENATE
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2/13/19

Meeting Date

Bill Number (if applicable)

Topic Citrus Research

Amendment Barcode (if applicable)

Name Rick Dantzer

Job Title COO Citrus Research & Development Foundation

Address 200 Experiment Station Rd.

Phone 863/956-8817

Street

LK. Alfred FL

City

State

Zip

Email rdantzer@citrusrdc.org

Speaking: For Against Information

Waive Speaking: In Support Against
(The Chair will read this information into the record.)

Representing CRDF

Appearing at request of Chair: Yes No

Lobbyist registered with Legislature: Yes No

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

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Meeting Date _____ Bill Number (if applicable) _____
Topic FLORIDA CITRUS Amendment Barcode (if applicable) _____
Name Shannon Shepp
Job Title Executive Director
Address 605 E Main St. Phone (813) 640-5492
Street _____
City Bartow State FL Zip 33830 Email sshepp@citrus.my
City _____ State _____ Zip _____

Speaking: For Against Information
Waive Speaking: In Support Against *Florida.com*
(The Chair will read this information into the record.)

Representing _____
Appearing at request of Chair: Yes No
Lobbyist registered with Legislature: Yes No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

THE FLORIDA SENATE
APPEARANCE RECORD

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Feb 13 2019
Meeting Date

Bill Number (if applicable)

Topic _____

Amendment Barcode (if applicable)

Name J. Neal Hancock

Job Title Citrus grower

Address 2631 Lakeview Dr

Phone 863-385-3250

Sebring FL 33870
City State Zip

Email hancocke.citrus@aol.com

Speaking: For Against Information

Waive Speaking: In Support Against
(The Chair will read this information into the record.)

Representing Florida Citrus Industry

Appearing at request of Chair: Yes No

Lobbyist registered with Legislature: Yes No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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CourtSmart Tag Report

Room: KN 412

Case No.:

Type:

Caption: Senate Appropriations Committee

Judge:

Started: 2/13/2019 10:03:04 AM

Ends: 2/13/2019 11:29:34 AM

Length: 01:26:31

10:03:05 AM Sen. Bradley (Chair)
10:04:09 AM TAB 1 - Presentation on Citrus Industry in Florida
10:07:25 AM Michael Sparks, Chief Executive Officer, Citrus Mutual
10:34:28 AM Sen. Bradley
10:35:28 AM M. Sparks
10:35:33 AM Sen. Bradley
10:36:09 AM M. Sparks
10:37:25 AM Sen. Montford
10:37:52 AM M. Sparks
10:38:44 AM Sen. Montford
10:39:17 AM M. Sparks
10:40:34 AM Sen. Montford
10:41:10 AM M. Sparks
10:41:48 AM Sen. Mayfield
10:42:36 AM M. Sparks
10:44:18 AM Sen. Powell
10:45:08 AM M. Sparks
10:46:29 AM Sen. Powell
10:46:49 AM M. Sparks
10:48:11 AM Sen. Powell
10:48:42 AM M. Sparks
10:49:06 AM Sen. Bradley
10:49:55 AM Rick Dantzler, Chief Operating Officer, Citrus Research and Development Foundation
10:58:11 AM Sen. Bradley
10:58:23 AM R. Dantzler
11:03:14 AM Sen. Bradley
11:04:16 AM Sen. Mayfield
11:04:34 AM R. Dantzler
11:05:36 AM Shannon Shepp, Executive Director, Department of Citrus
11:15:19 AM Sen. Bradley
11:16:03 AM Sen. Gibson
11:16:53 AM S. Shepp
11:18:14 AM Sen. Lee
11:18:50 AM S. Shepp
11:19:37 AM Sen. Lee
11:19:44 AM S. Shepp
11:19:45 AM Sen. Lee
11:19:48 AM S. Shepp
11:19:59 AM Sen. Lee
11:20:21 AM S. Shepp
11:21:17 AM Sen. Powell
11:22:22 AM S. Shepp
11:23:11 AM Ned Hancock, Grower from Highlands County and Department of Citrus Commissioner
11:28:03 AM Sen. Gainer
11:28:15 AM N. Hancock
11:28:35 AM Sen. Bradley