Food Safety Modernization Act (FSMA) and Extension Update

Zack Snipes
Clemson Extension
What is FSMA?

- Food Safety Modernization Act
- Law signed on January 4, 2011
  - 7 Rules
    - Produce Safety Rule (Growing, Harvesting, Packing, and Holding of Produce for Human Consumption)
    - Preventative Controls for Human Food
    - Preventative Controls for Animal Food
    - Foreign Supplier Verification Programs
    - Accreditation of Third-Party Auditors/Certification Bodies
    - Sanitary Transportation of Human and Animal Food
    - Prevention of Intentional Contamination/Adulteration
Where do I fit in?

- Produce Safety Rule (PSR)
  - Does this rule apply to me?
- A farm can be:
  - Exempt
  - Qualified Exempt
  - Under the rule
- Compliance Dates
  - Greater than $500,000 in annual sales- 1/26/18
  - Between $500,000-250,000 in annual sales- 1/26/19
  - Between $250,000-25,000 in annual sales- 1/26/20
- Do not assume, there are caveats that make it confusing
What do I HAVE to do?

- Find out where you fall according to the rule (see handout or see me)
- Attend Produce Safety Rule Training by your compliance date
- Establish food safety on farm
  - Inspections…???
  - 2 years from compliance date to have water testing and recordkeeping in place???

Link to see where you fall according to the rule:

Universal Food Safety

- Worker Hygiene, Health, and Training
- Soil Amendments
- Wildlife, domesticated animals, and land use
- Agricultural Water
- Post-Harvest Handling and Sanitation
What’s Next

✧ This is new to everyone…growers, extension, inspectors, people who wrote the law, scientists, etc

✧ Statewide FSMA trainings
✧ Extension Trainings
✧ On-Farm/Office Visits
✧ For more information:
 ✧ Produce Safety Alliance-Cornell University
    ✧ [https://producesafetyalliance.cornell.edu/](https://producesafetyalliance.cornell.edu/)
 ✧ NC State-Fresh Produce Safety
  ✧ FDA
    ✧ [http://www.fda.gov/Food/GuidanceRegulation/FSMA/default.htm](http://www.fda.gov/Food/GuidanceRegulation/FSMA/default.htm)
There are many food safety programs

- FSMA
- GAP
- GlobalGAP
- PRIMUS

- Principals of all of these programs is almost identical
- A farm that is in tip-top shape does not necessarily mean they are FSMA compliant
2016 Extension Update

- Farm Aid
- FarmGate
- Southern Blight Fungicide Spray Trial
- Miticide Spray Trial
- New Entomologist and Weed Scientist @ CREC
- Revamped Agribusiness Team
- South Carolina was Spotlight State at Sunbelt Ag Expo
South Carolina Farm Aid
By the numbers

1244 farmers were approved for aid for a total award amount of $35,512,560

Total award amount by county

Program insights
Farmers suffered a 75% crop loss as a result of the flood
Crop insurance only covered about 37% of the crop loss
100% completion rate for on-time applications
Smallest award: $164
88 applicants awarded maximum of $100,000
Average award: $28,365
Only 8 ineligible applications

Clemson University, SC State University and SCDA conducted
20 farmer trainings in just 21 days.

South Carolina Department of Agriculture • 1200 Senate Street • Columbia, SC • 29201
government.sc.gov

Hugh E. Whetaker, Commissioner
# FarmGate

<table>
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<tr>
<th>Rank</th>
<th>County</th>
<th>Acres</th>
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## Top Ten Counties

### For Watermelon

- Worth: 22%
- Wilcox: 10%
- Dooly: 8%
- Turner: 5%
- Calhoun: 3%
- Colquitt: 3%
- Tattnall: 3%
- Tift: 12%
- Barrien: 5%
- Crisp: 4%
- Sumter: 4%

## Grower Farm Gate Value: 2013

- **GA = $9,659,356,561**

## Total Farm Gate Value: 2013

- **GA = $13,591,936,257**

**Legend**

- > $200,000,000
- $100,000,000 - $200,000,000
- $50,000,000 - $100,000,000
- $20,000,000 - $50,000,000
- $5,000,000 - $20,000,000
- < $5,000,000
2017 Projects

- Statewide FSMA- Produce Safety Rule Trainings
- Strawberry
  - Disease Forecasting
  - Resistance Sampling
  - SWD Monitoring
- Tomato Variety Trail & Miticide Trial
- Small Fruit Cultivar Trials @ CREC
- High Tunnel Variety Selection & Planting Date
- May 31st Field Day
- Grower input for Grower Projects
Resources

- Southeast Vegetable Crop Handbook

- Southern Region Small Fruit Consortium (SRSFC)
  - [www.smallfruits.org](http://www.smallfruits.org)
    - I have PowerPoints on spray programs and new cultivars

- Commercial Kitchens
  - Johns Island-Plow Ground Rd
  - Walterboro

- Clemson Extension Charleston County
  - [http://www.clemson.edu/extension/charleston/index.html](http://www.clemson.edu/extension/charleston/index.html)

- Coastal Research and Education Center Website
  - [http://www.clemson.edu/public/coastal/](http://www.clemson.edu/public/coastal/)

- Pesticide License Information-Clemson Department of Pesticide Regulation
  - [http://www.clemson.edu/public/regulatory/pesticide_regulation/](http://www.clemson.edu/public/regulatory/pesticide_regulation/)
Questions, Comments, Concerns

◎ Zack Snipes-Clemson Extension
  ◎ zbsnipe@clemson.edu
  ◎ 864-934-7922

◎ Chad Carter-Clemson Extension
  ◎ ctcarte@clemson.edu
  ◎ 843-730-5211