

Review of 2014 Cotton Season

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Extension Cotton Agronomist



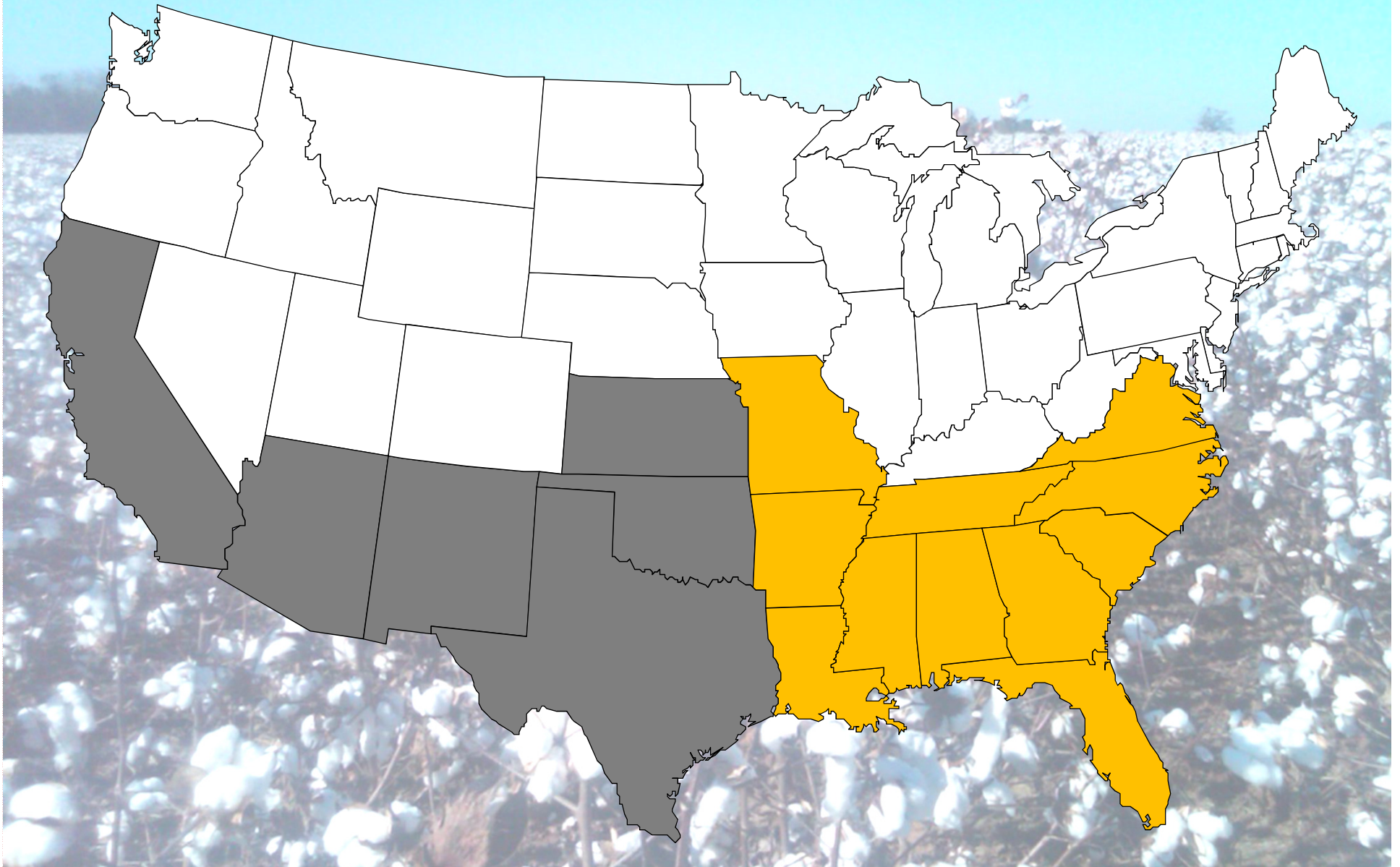
1785

The University of Georgia

®

**D. Dodds, K. Edmisten, D. Fromme, A. Jones, M. Jones,
T. Raper, B. Robertson, J. Whitaker, D. Wright,**

U.S. Cotton Producing States



Southeast

University Cotton Specialists

Guy Collins – GA

Jared Whitaker – GA

Hunter Frame - VA

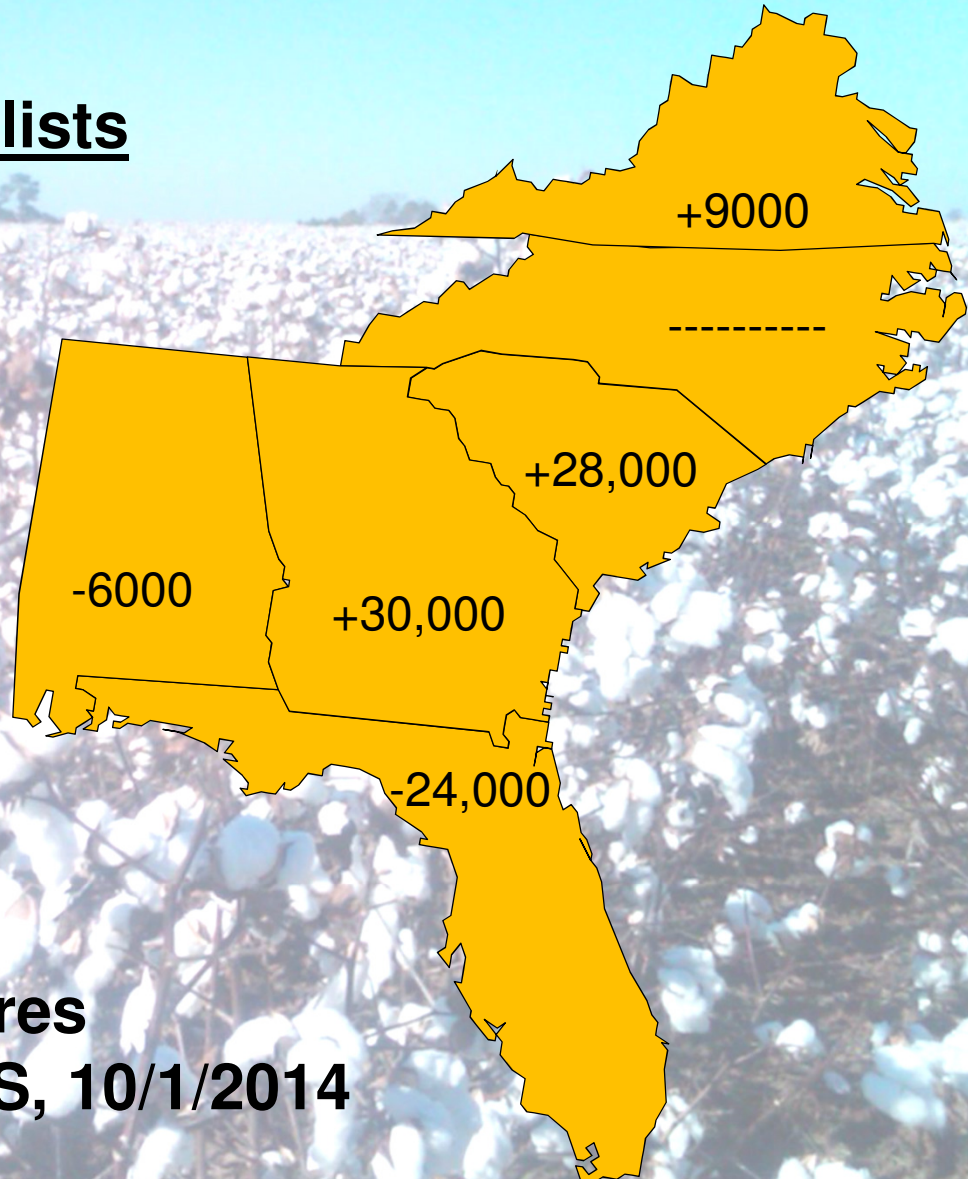
Keith Edmisten – NC

Mike Jones – SC

Charlie Burmester – AL

Dale Monks - AL

David Wright - FL



2,650,000 acres

- USDA NASS, 10/1/2014

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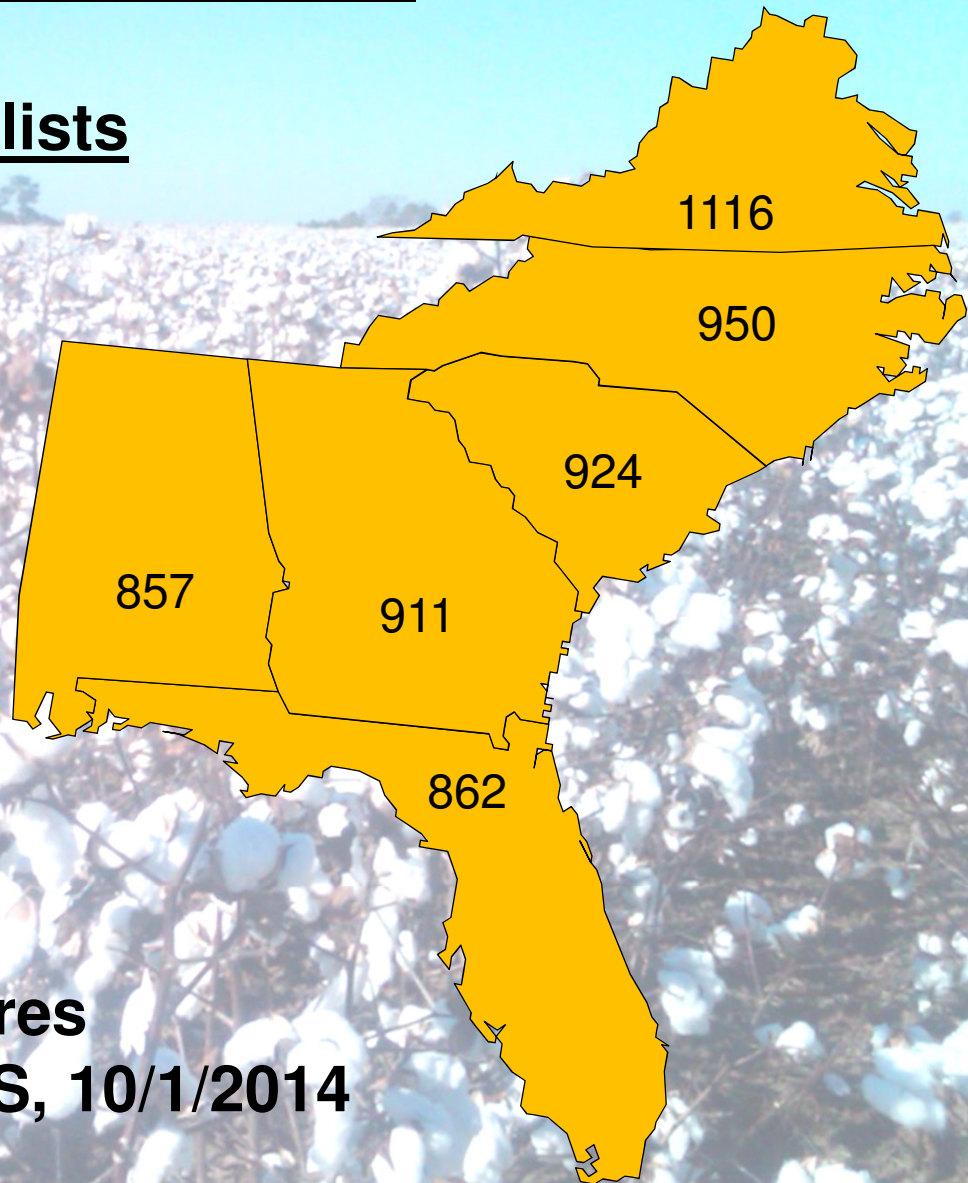
Keith Edmisten – NC

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2,650,000 acres

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Midsouth

University Cotton Specialists

Darrin Dodds – MS

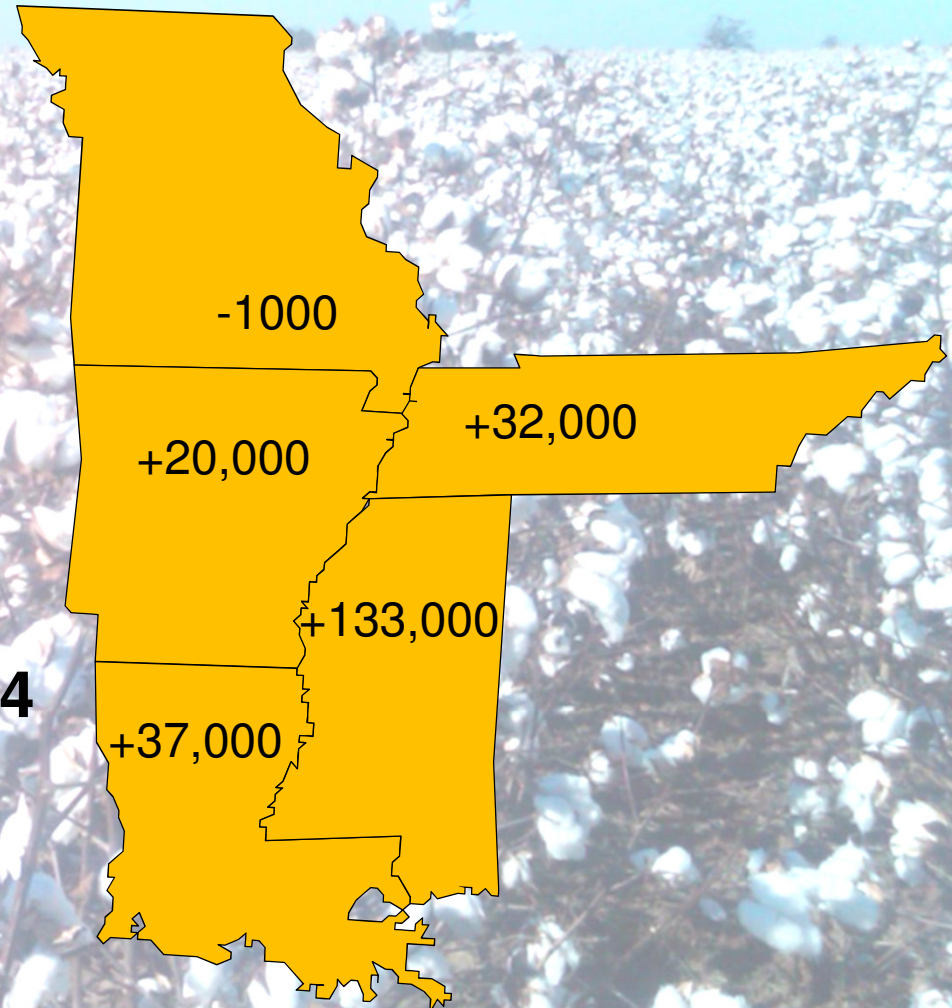
Bill Robertson – AR

Dan Fromme – LA

Andrea Jones – MO

Tyson Raper – TN

**1,420,000 acres
- USDA NASS, 10/1/2014**



Midsouth

University Cotton Specialists

Darrin Dodds – MS

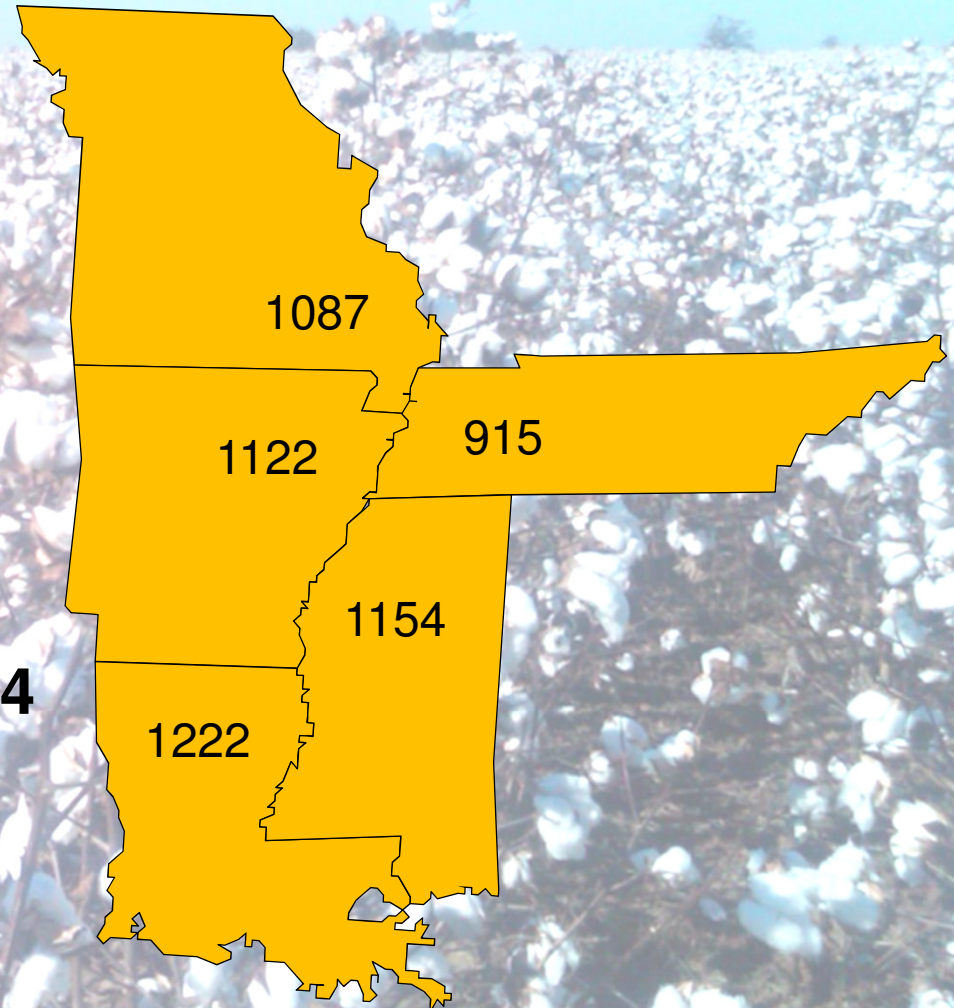
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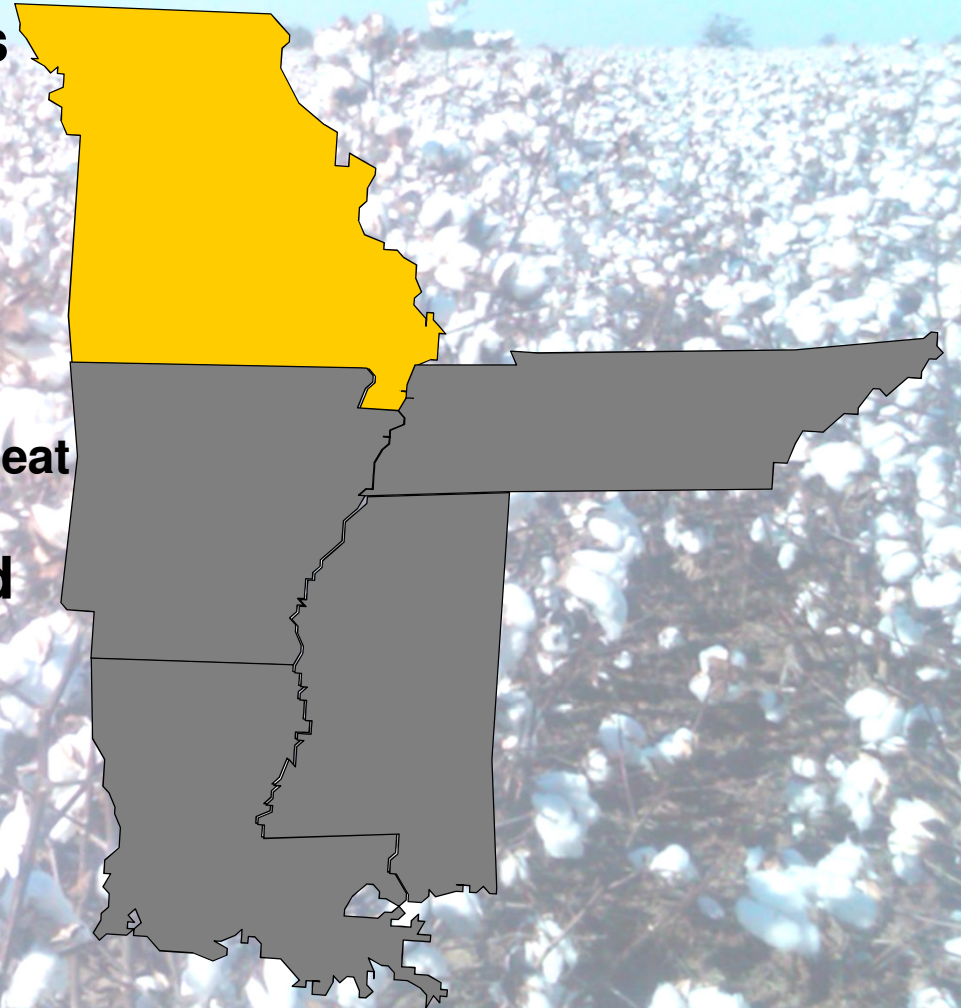
**1,420,000 acres
- USDA NASS, 10/1/2014**



Missouri

Overview

- Heavy rains in late April, delays in planting
- Milder than normal thrips pressure, good performance of seed treatments
- June and July: Cool and wet
 - Above avg rainfall, below avg heat unit accumulation
- ~5 plant bug applications, good retention
- Plant growth: less aggressive than normal
- Yields as predicted



Tennessee

Overview

- **Very wet June – limited field work**
- **Moderate/cool temperatures**
 - slow development
- **July – crop 7-10 days behind**
- **Plant bug pressure although good retention**
- **August – crop gained some ground, well-timed rains, decent boll load**
- **September/October – warmer weather helped mature the top crop**



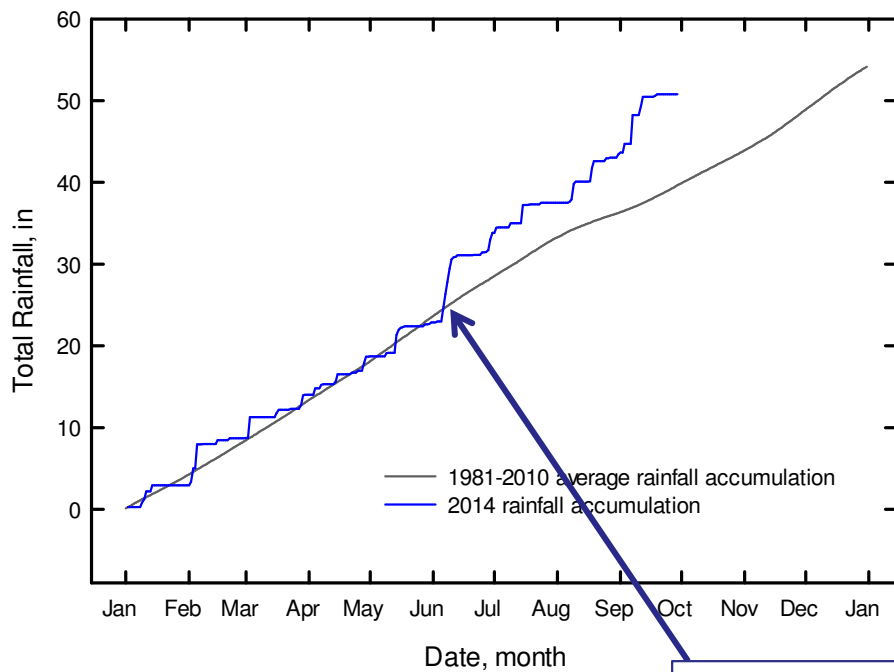
All N applied preplant – heavy rains



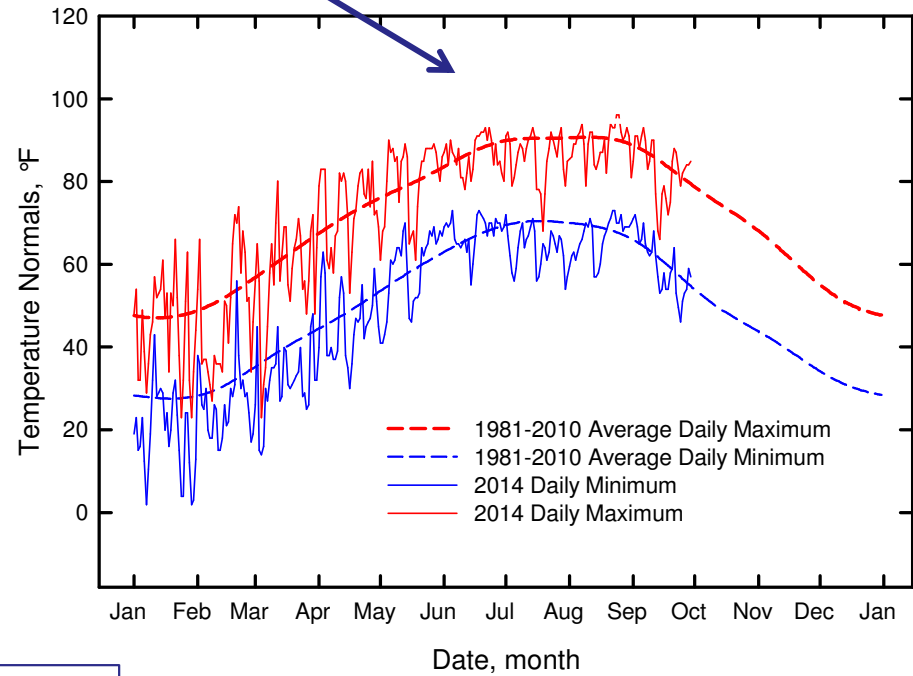
Jackson Experiment Station, TN
GHCND:USC00404561

Abnormally low temperatures during the effective flowering period

Jackson Experiment Station, TN
GHCND:USC00404561



Deviation from normal rainfall trends beginning in June and continuing through September



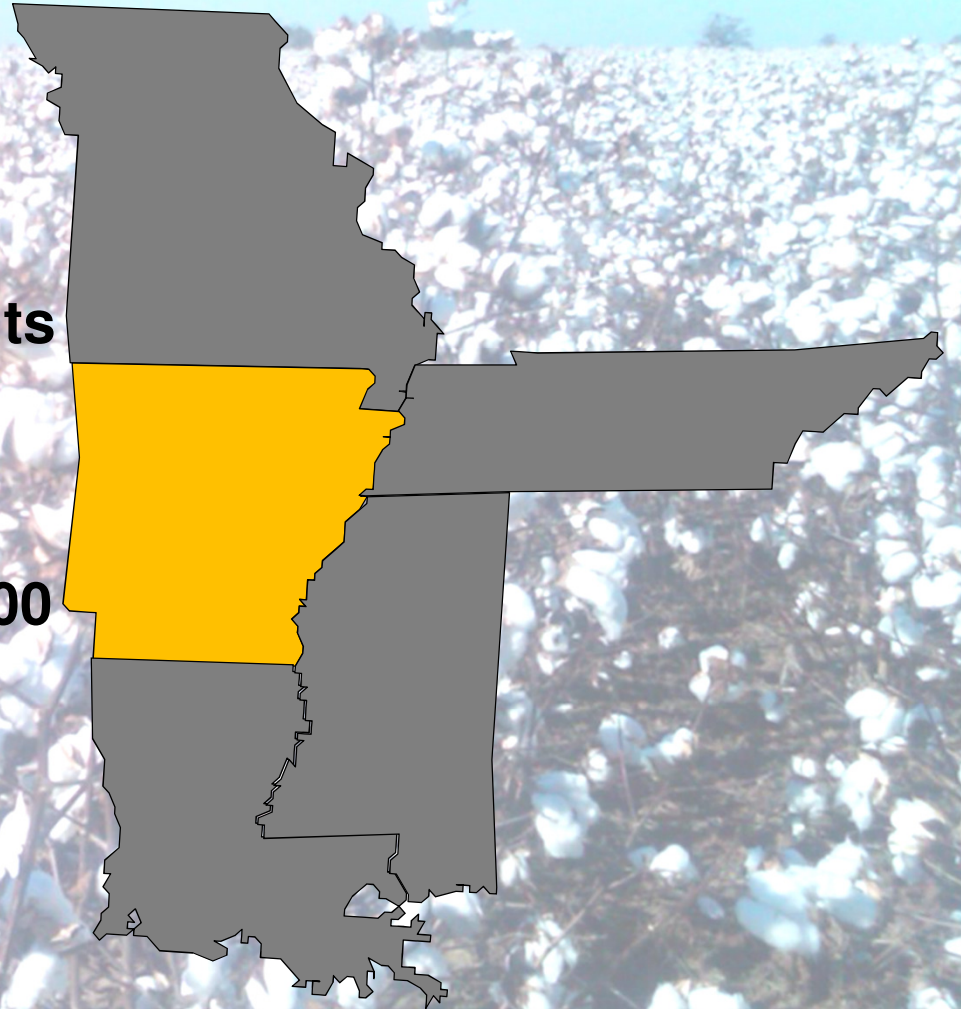
Not a large portion of TN acres affected by flooding, but for those who were- a very big problem!



Arkansas

Overview

- Cold spring, delayed & compressed planting into ~5 days, heavy rains
- Slow growth, poor root development, increased replants
- Nutrient deficiencies (roots)
- Mild July, yield potential good
- Major hail storm in October caused severe damage to 24,000 acres (total of 60,000 acres affected)







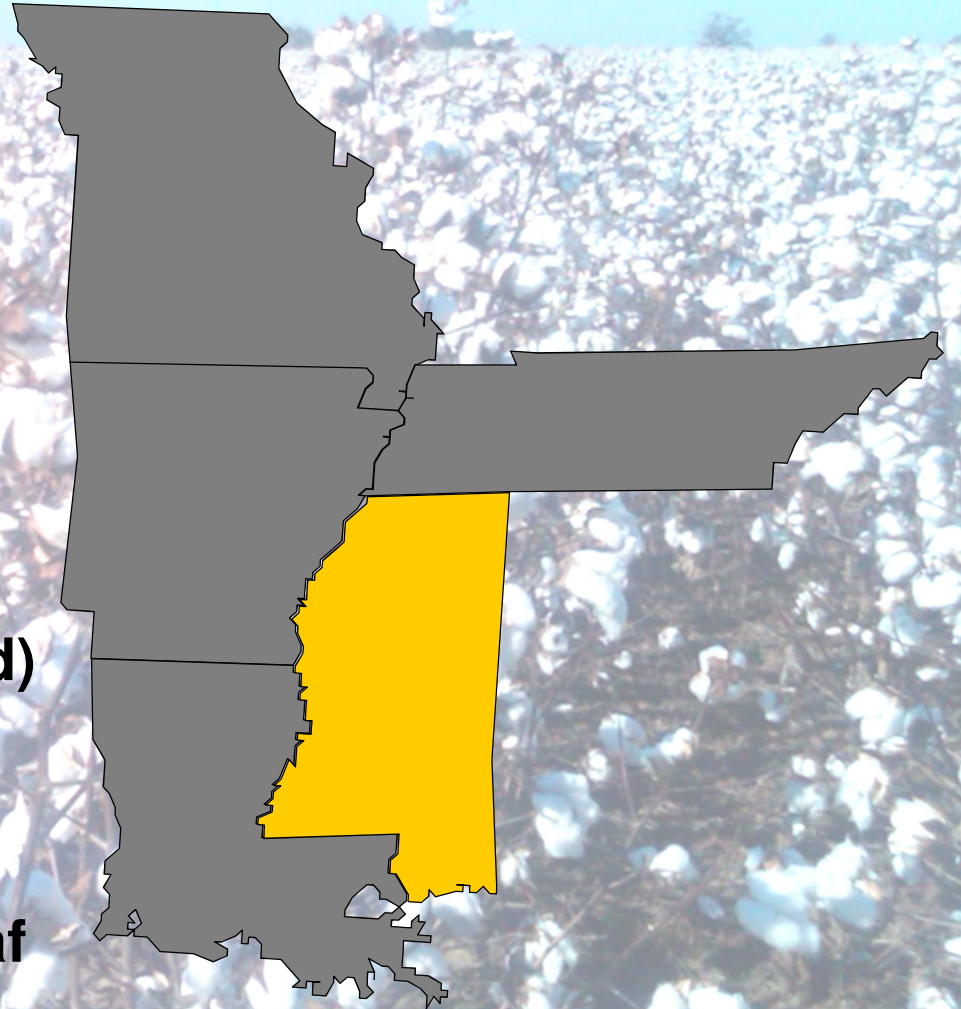
Before and after severe
Hail storm



Overview

Mississippi

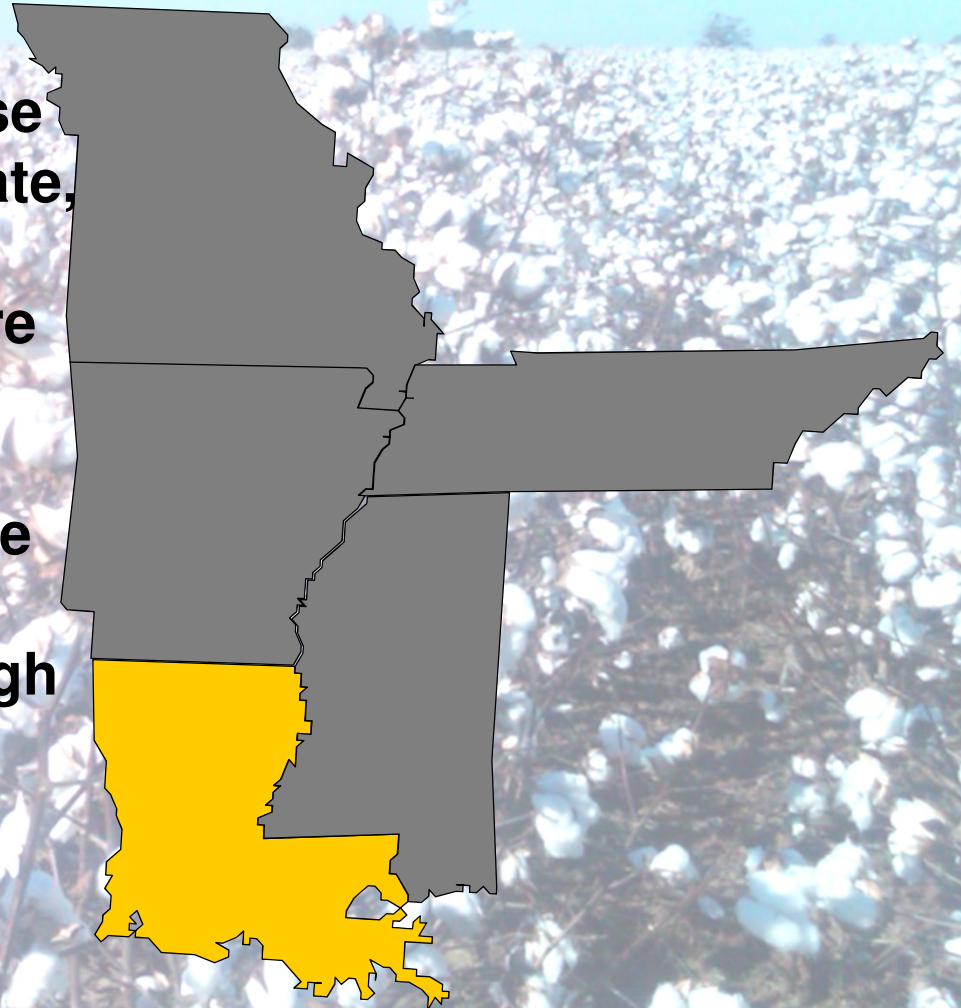
- **Planting delayed to mid/late May due to rains**
- **Wet weather resulted in slow growth**
- **Shallow roots, nutrient deficiencies**
- **Thrips, plant bugs lower than normal**
- **Summer cooler than normal**
- **Excellent retention and yield potential (2nd highest on record)**
- **Fairly smooth harvest, high ginout**
- **Gradual nutrient depletion, dry weather late, shallow roots, leaf drop**



Louisiana

Overview

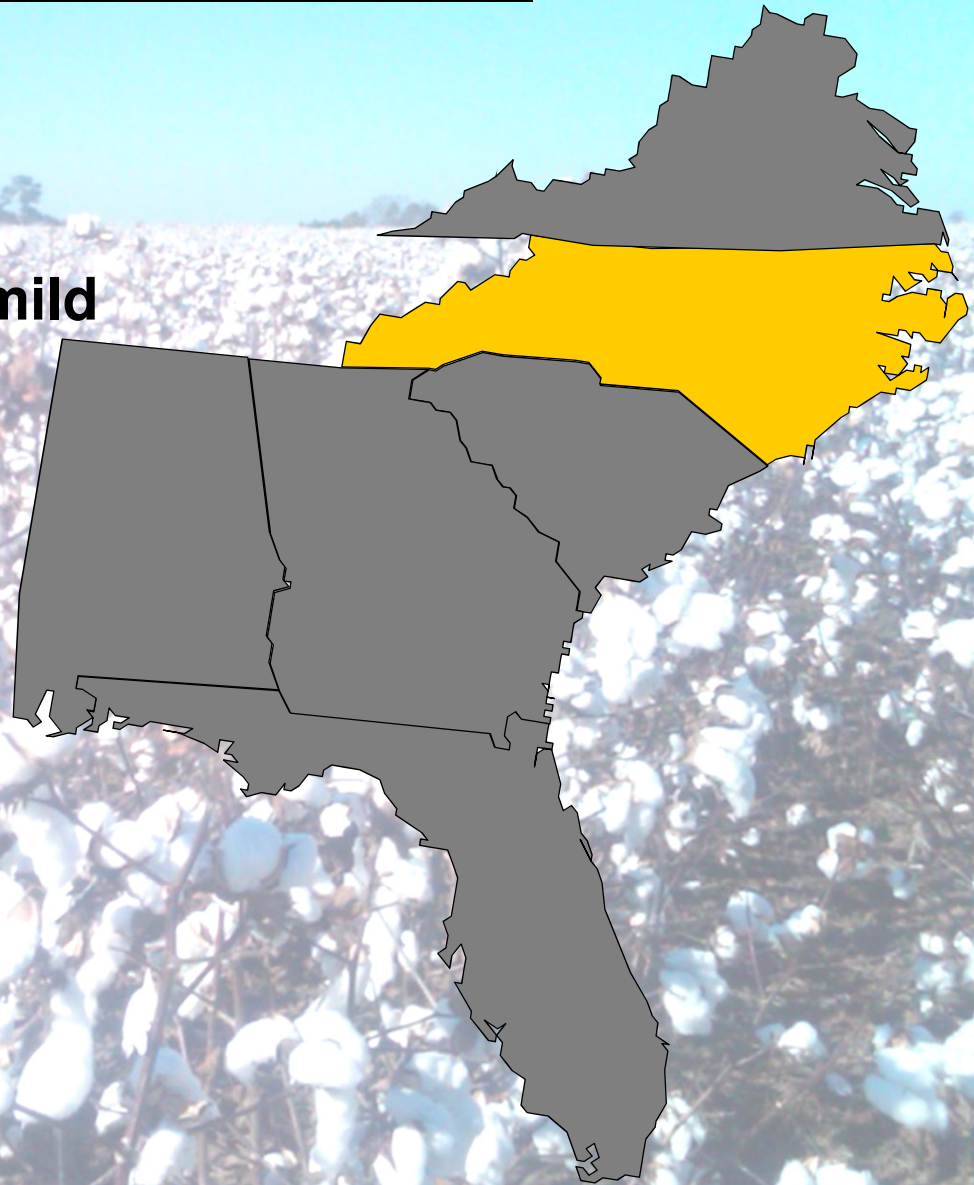
- **Planting: warm temps, good emergence, no seedling disease**
- **Insect pressure: low to moderate, excellent retention**
- **Target spot in late August, more apparent in rank cotton**
- **Less than normal heat units**
- **Timely rains, excessive in some parrishes**
- **2nd highest yields expected, high micronaire**



North Carolina

Overview

- Decent planting weather
- Relatively good summer, mild temperatures, timely rains
- Higher than normal incidence of plant bugs
- Brown Marmorated Stinkbug in southwestern part of the state
- Excellent yield potential
- Some hardlock, boll rot



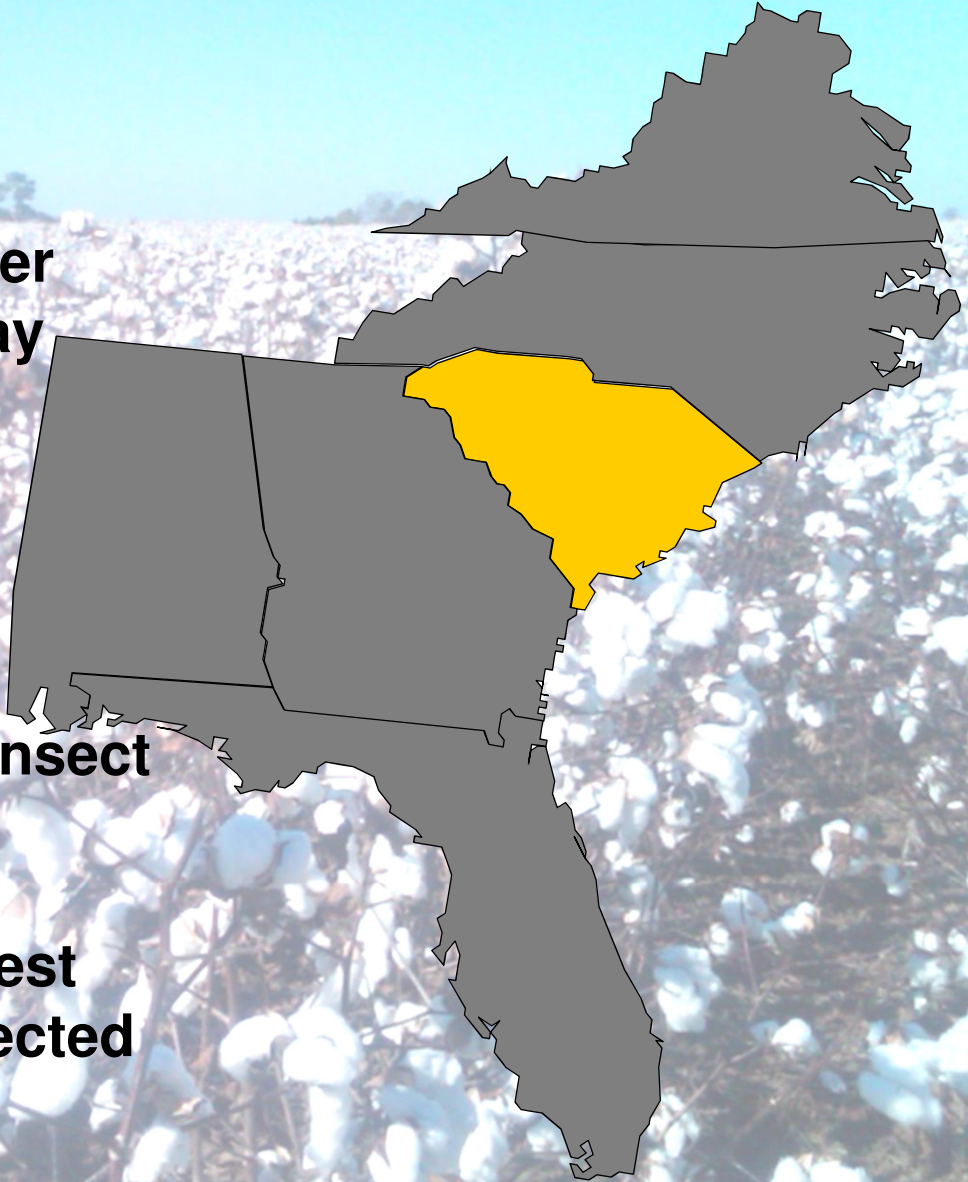




South Carolina

Overview

- Good early planting weather during late April – early May
- Dry during mid-May
- Rains returned in late May allowing for continued planting
- June – July = good weather, timely rains, low insect pressure
- Dry during August
- Good defoliation and harvest
- Above average yields expected



Georgia & Florida

Overview

- Cool, wet spring: delays in planting
- Planting progress normal by late May
- Adequate rains up to July
- Plant Bugs, Armyworms
- Hot, dry July and August
- Dryland crop marginal, early maturing
- Mid May irrigated cotton appeared to fair the best
- Yields widely variable (irrigation)
- Rains resumed in September
Regrowth and boll rot on an already marginal early crop

