

# Review of 2014 Cotton Season

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1785

**The University of Georgia**

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

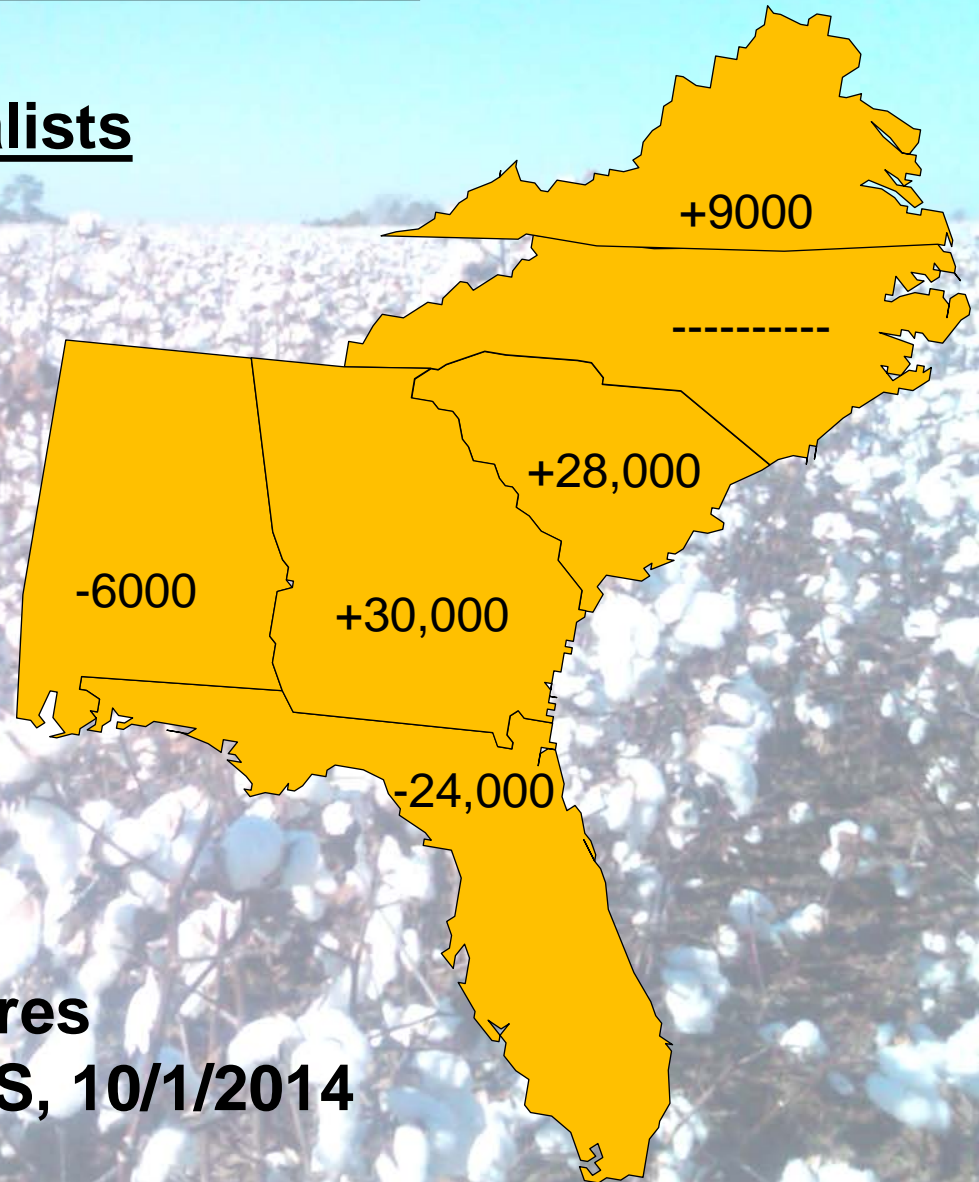




# Southeast

## 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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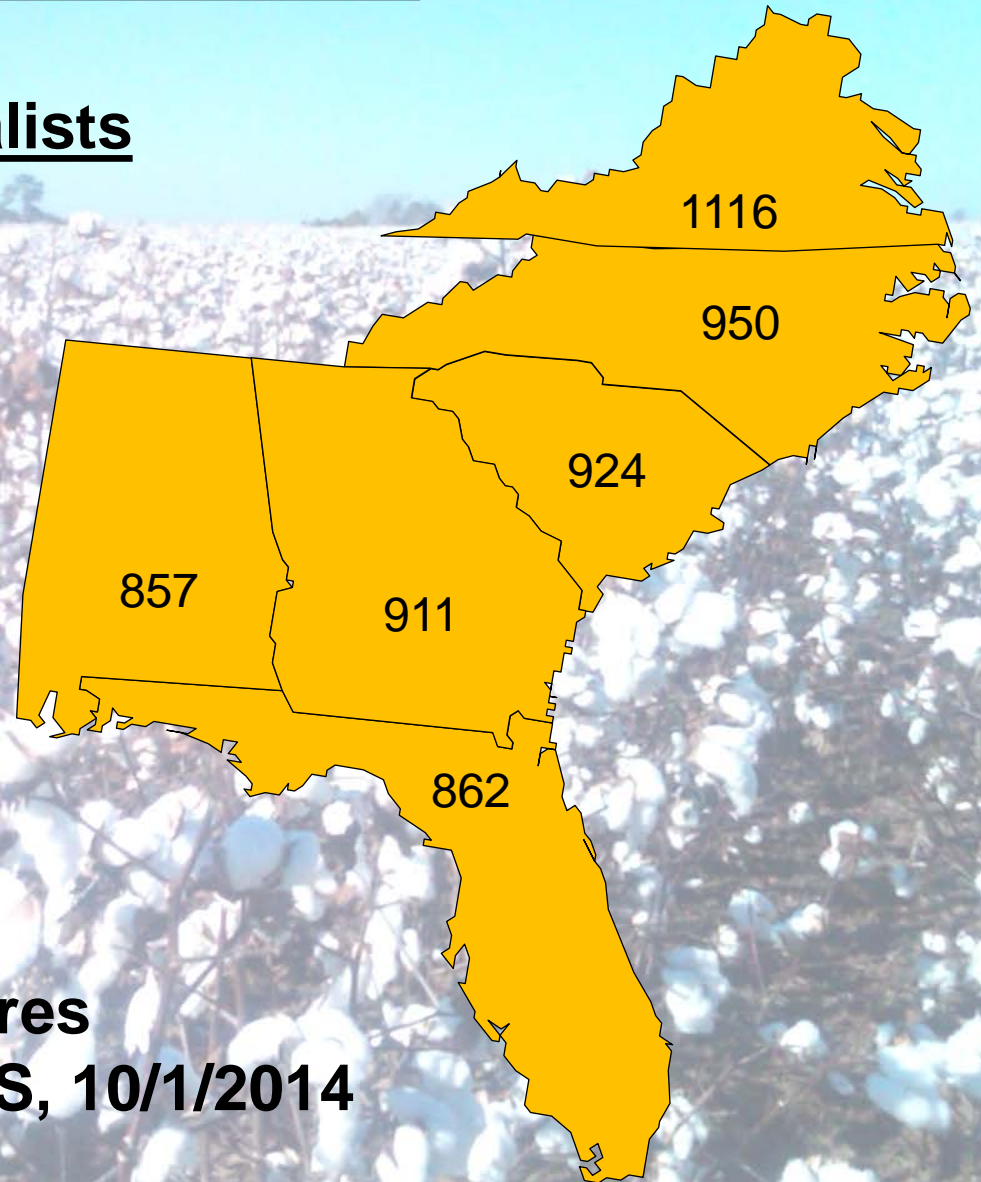
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# Midsouth

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**Bill Robertson – AR**

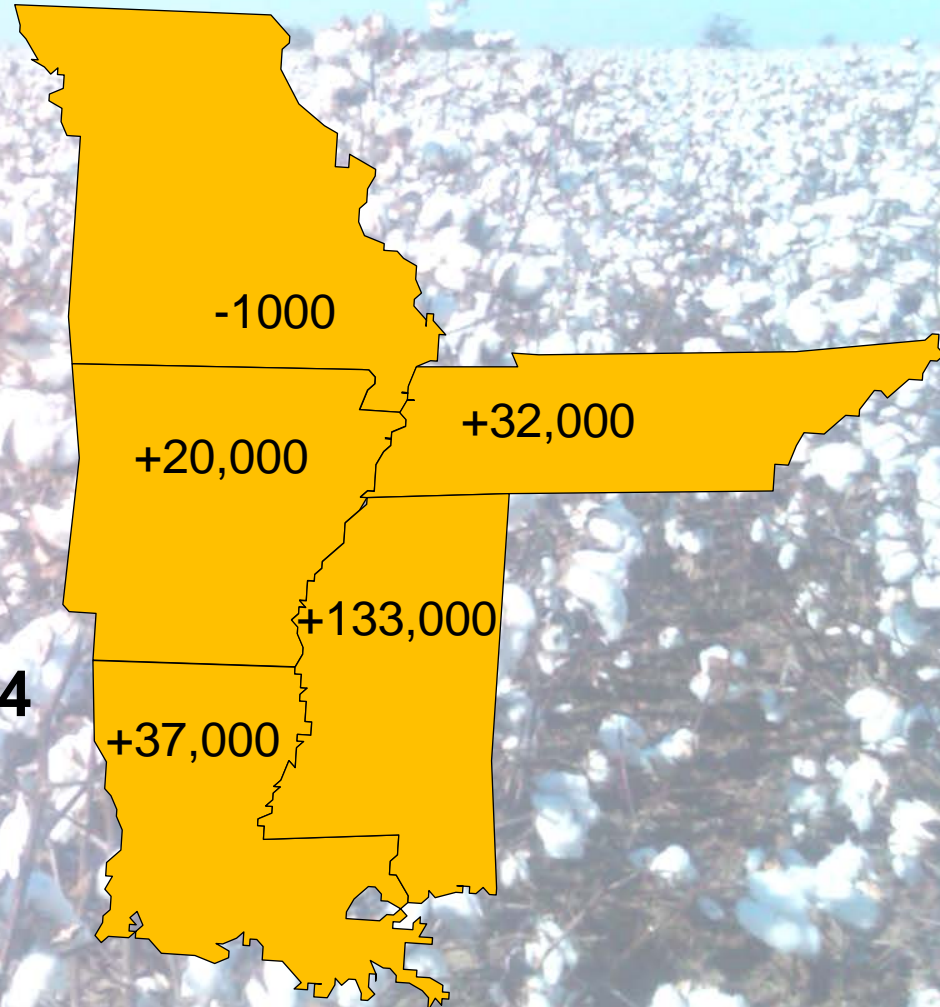
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**Andrea Jones – MO**

**Tyson Raper – TN**

**1,420,000 acres**

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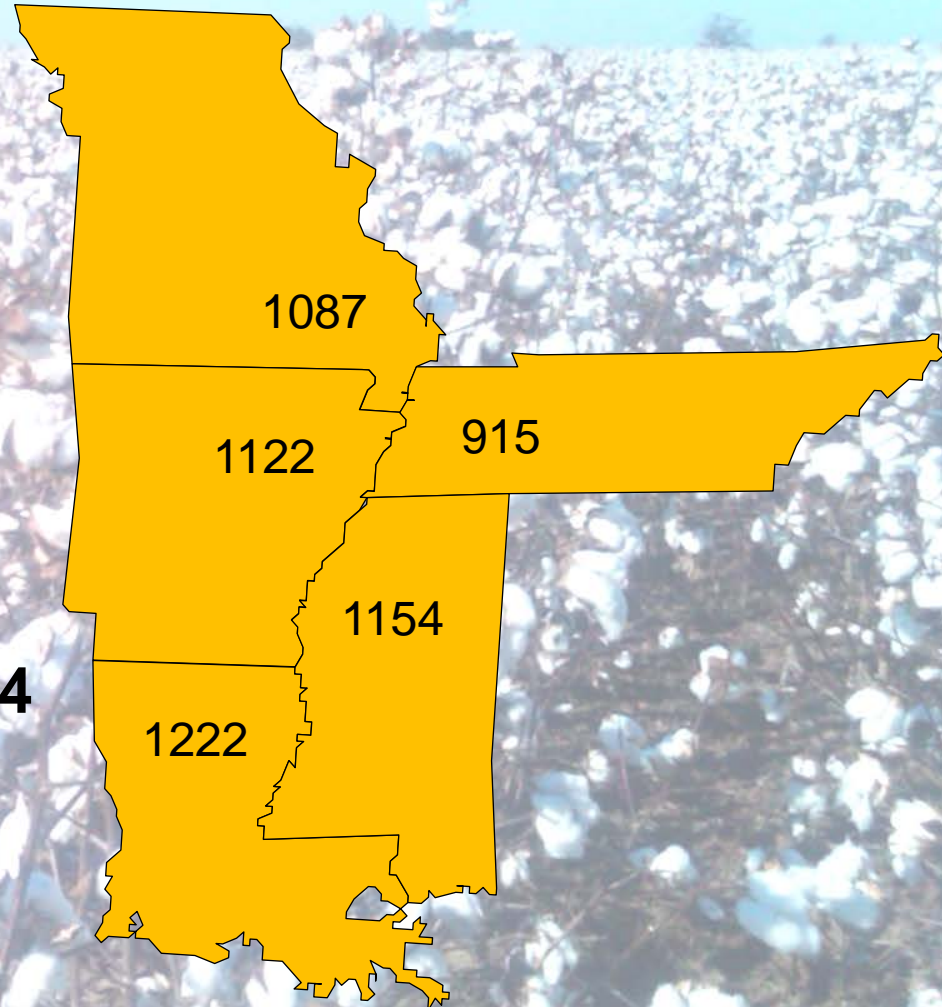
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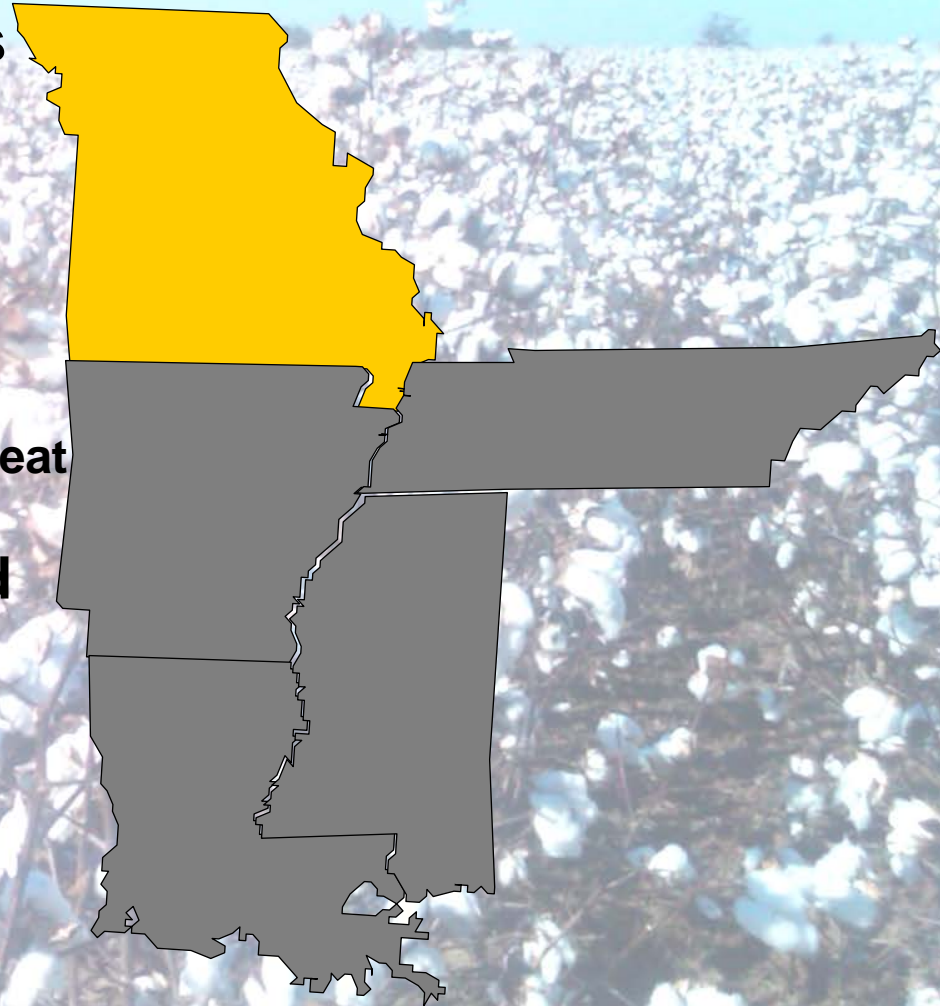




# Missouri

## 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

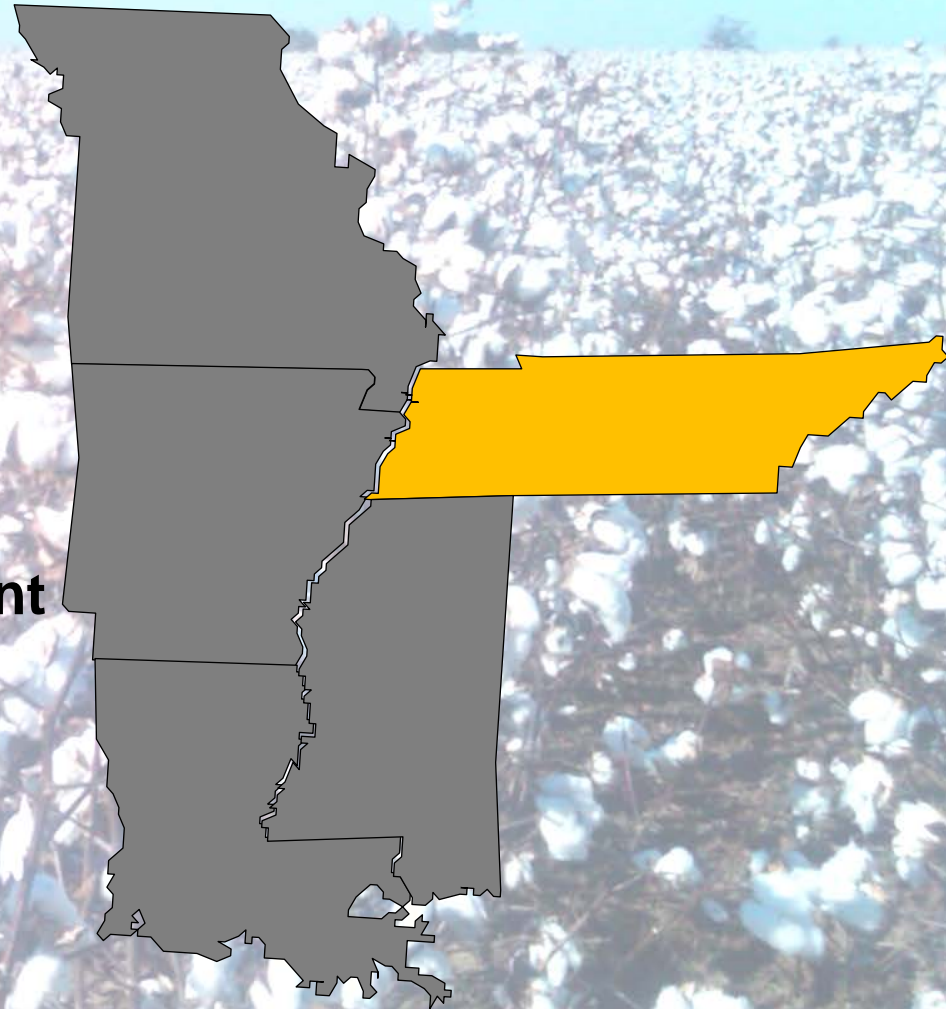




# Tennessee

## 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**





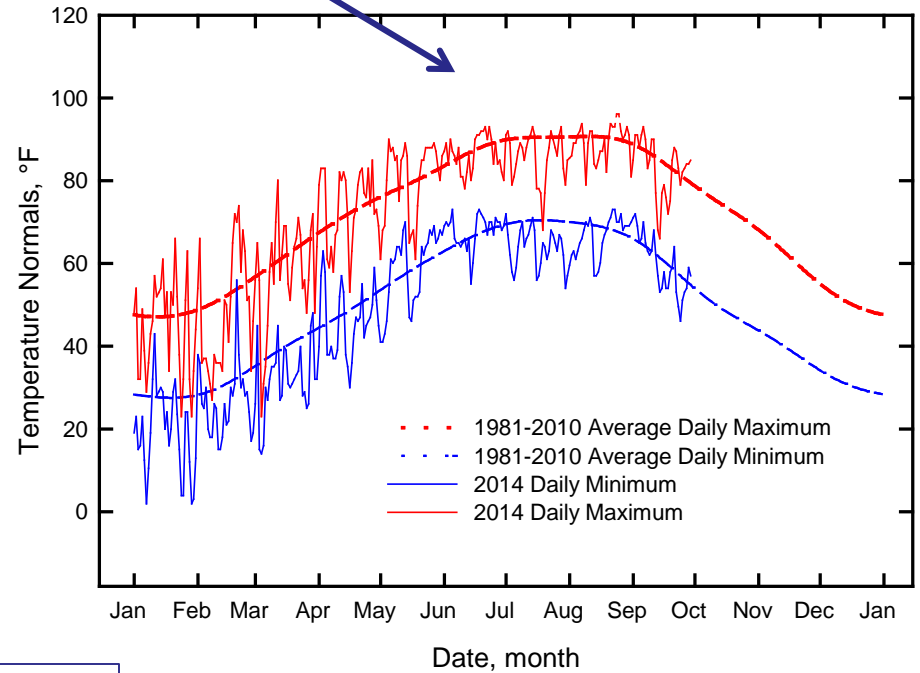
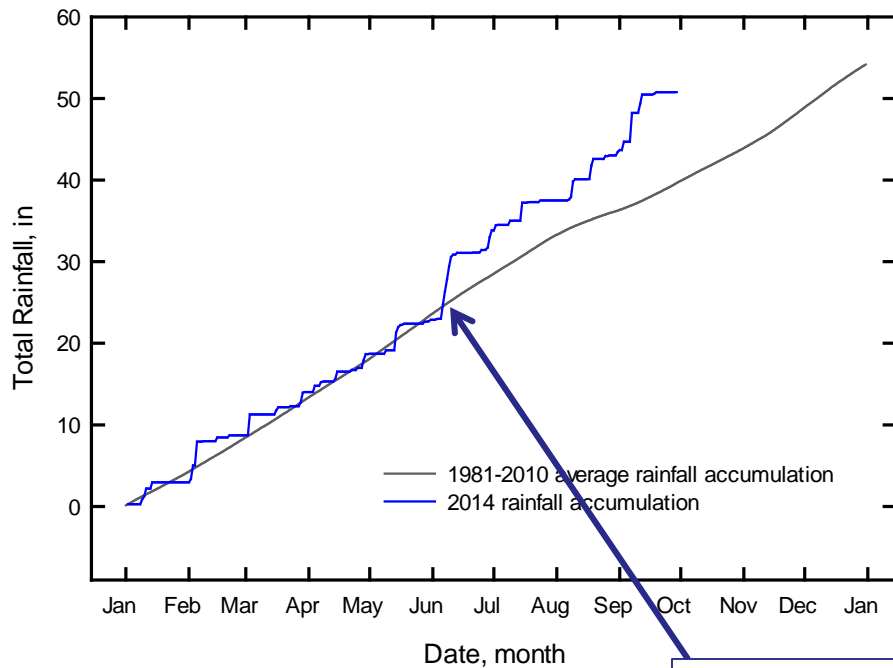
# All N applied preplant – heavy rains



Abnormally low temperatures during the effective flowering period

Jackson Experiment Station, TN  
GHCND:USC00404561

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!

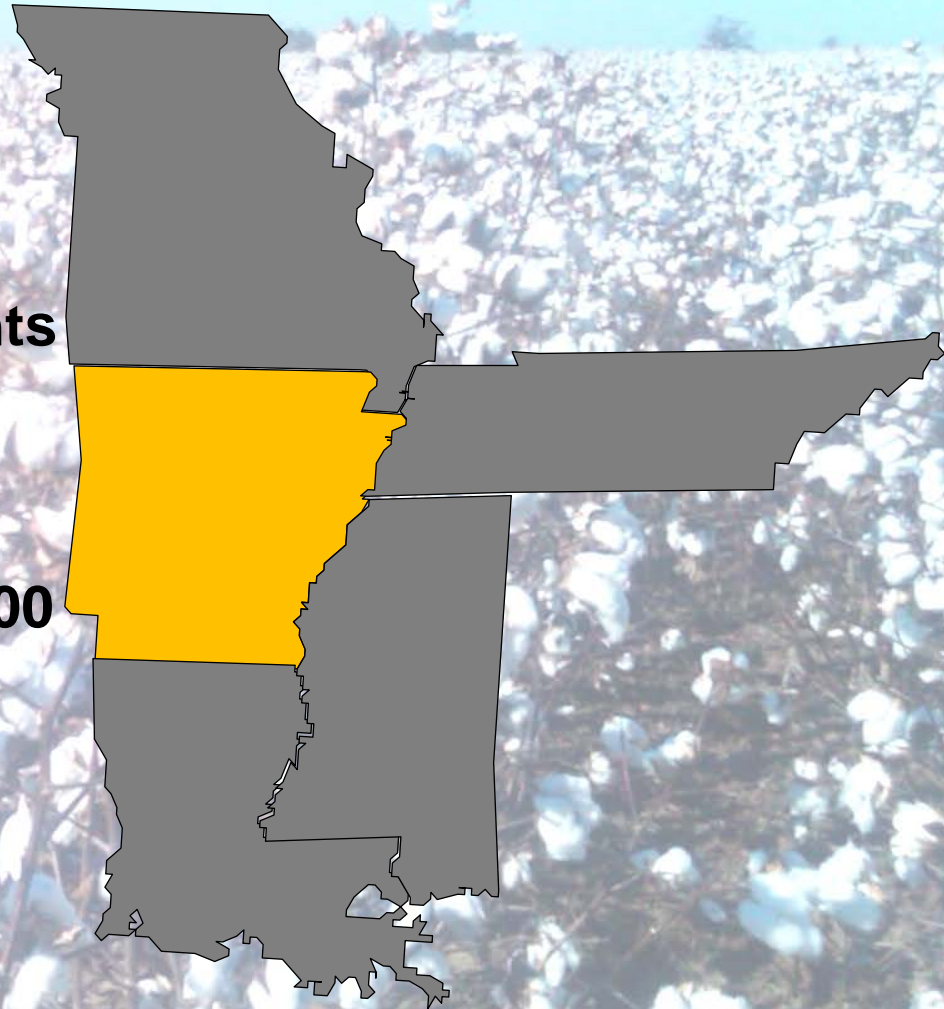




# Arkansas

## 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

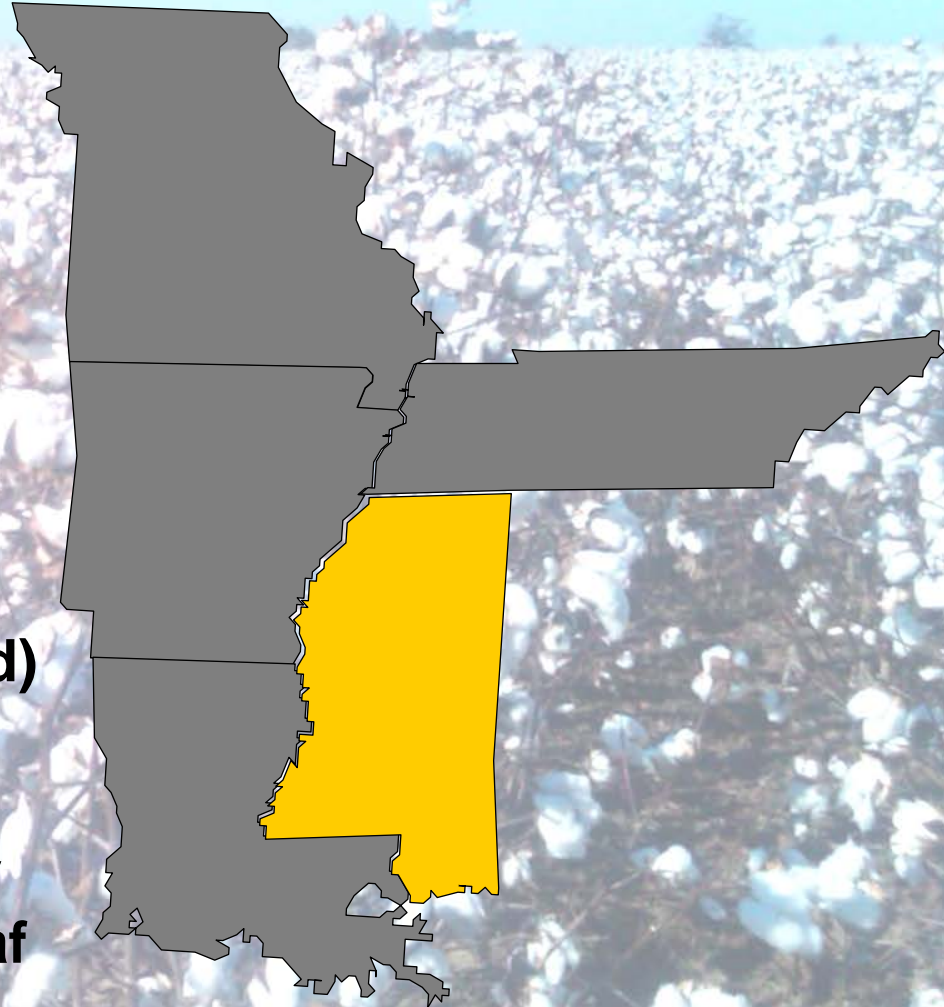




# Mississippi

## Overview

- **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 (2<sup>nd</sup> highest on record)**
- **Fairly smooth harvest, high ginout**
- **Gradual nutrient depletion, dry weather late, shallow roots, leaf drop**

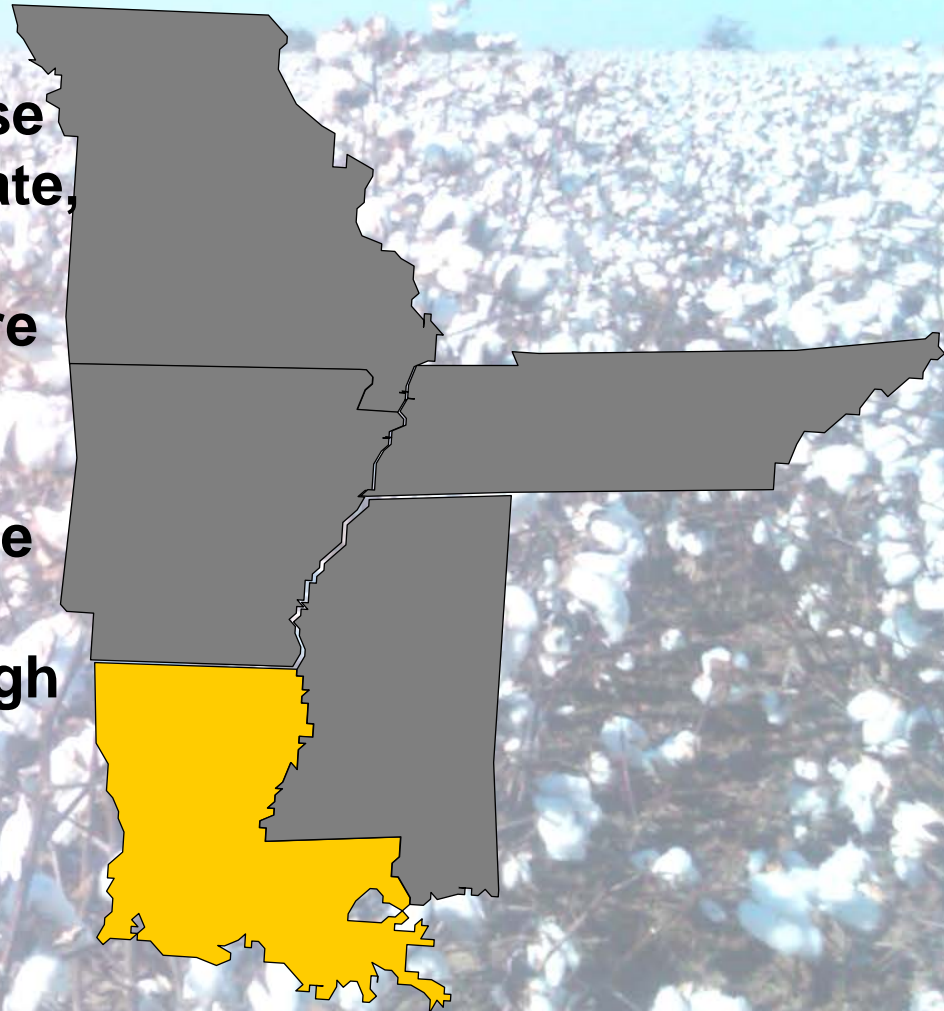




# Louisiana

## 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**
- **2<sup>nd</sup> highest yields expected, high micronaire**

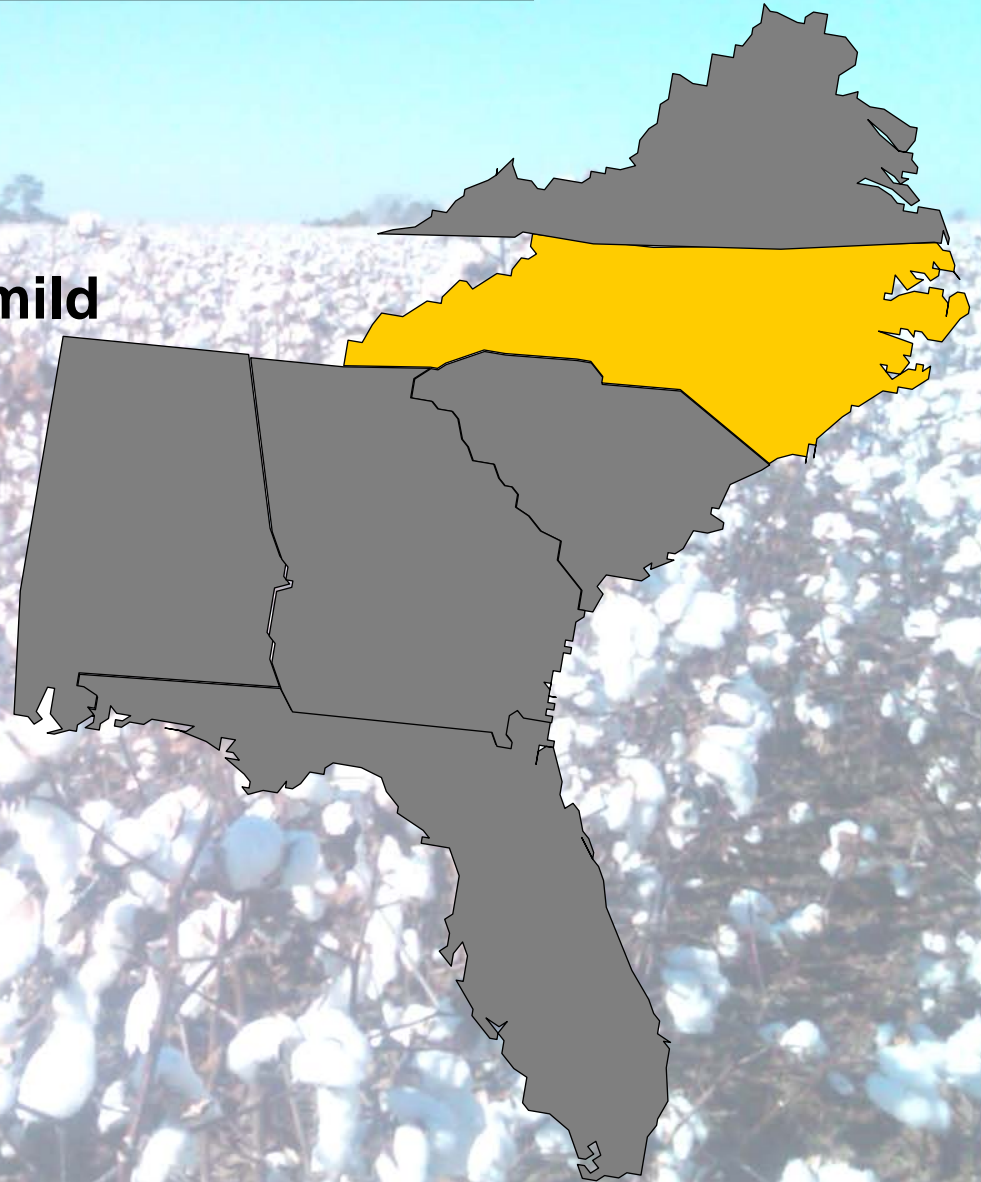




# North Carolina

## 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









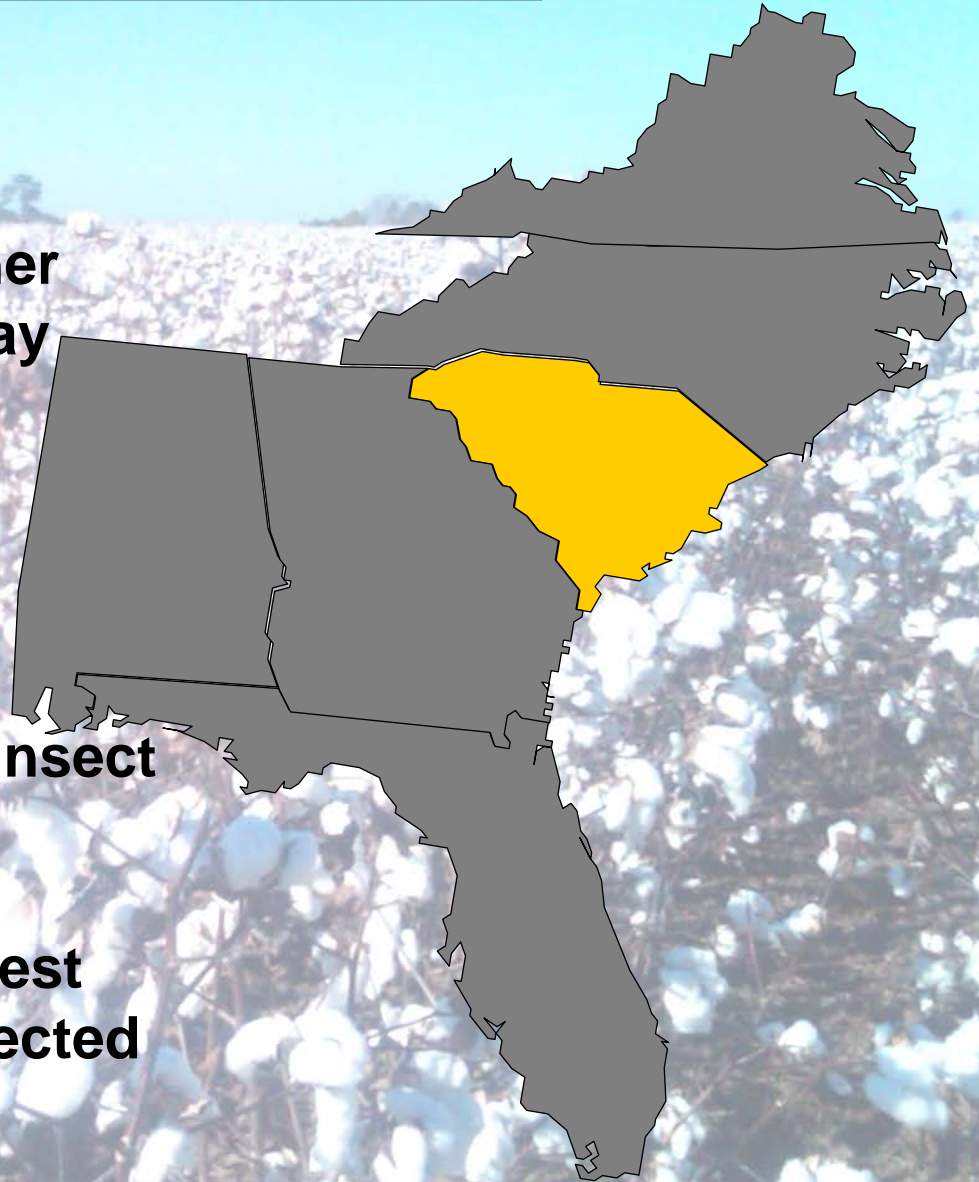




# South Carolina

## 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

