https://nca2018.globalchange.gov/chapter/19/



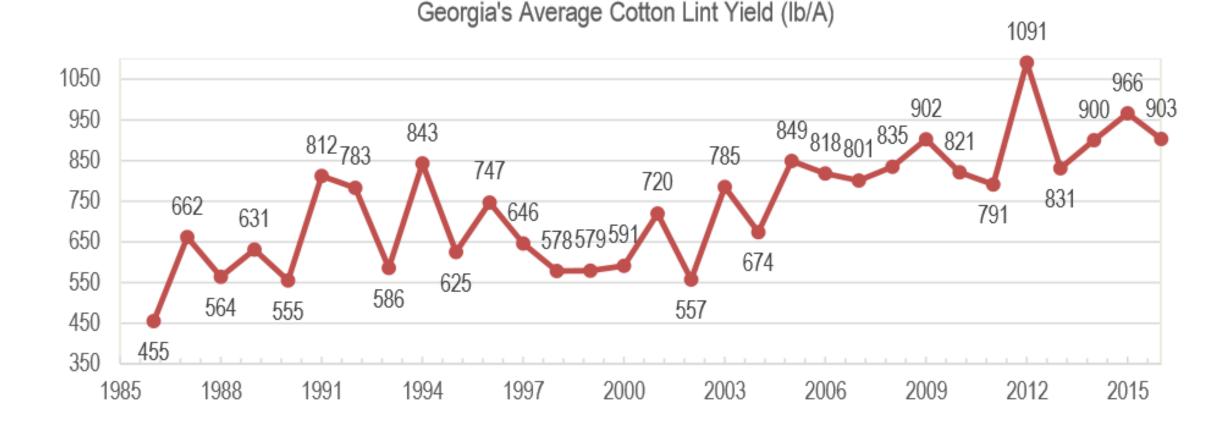
FOURTH NATIONAL CLIMATE ASSESSMENT CHAPTER 19: SOUTHEAST

https://nca2018.globalchange.gov/chapter/19/

FOURTH NATIONAL CLIMATE ASSESSMENT CHAPTER 19: SOUTHEAST

The conditions for raising and harvesting crops and livestock are projected to change. Higher temperatures can result in decreasing productivity of some cultivated crops, including **cotton**, corn, **soybeans**, and **rice**. Livestock, which includes hogs and pigs, horses, ponies, mules, burros, and donkeys as well as **poultry** and **processed poultry** for consumption (for example, chicken nuggets), is a large component of the agricultural sector for these states and the Nation. Livestock are all vulnerable to heat stress, and their care under projected future conditions would require new or enhanced adaptive strategies

http://www.ugacotton.com/vault/file/2017-Georgia-Cotton-Production-Guide.pdf

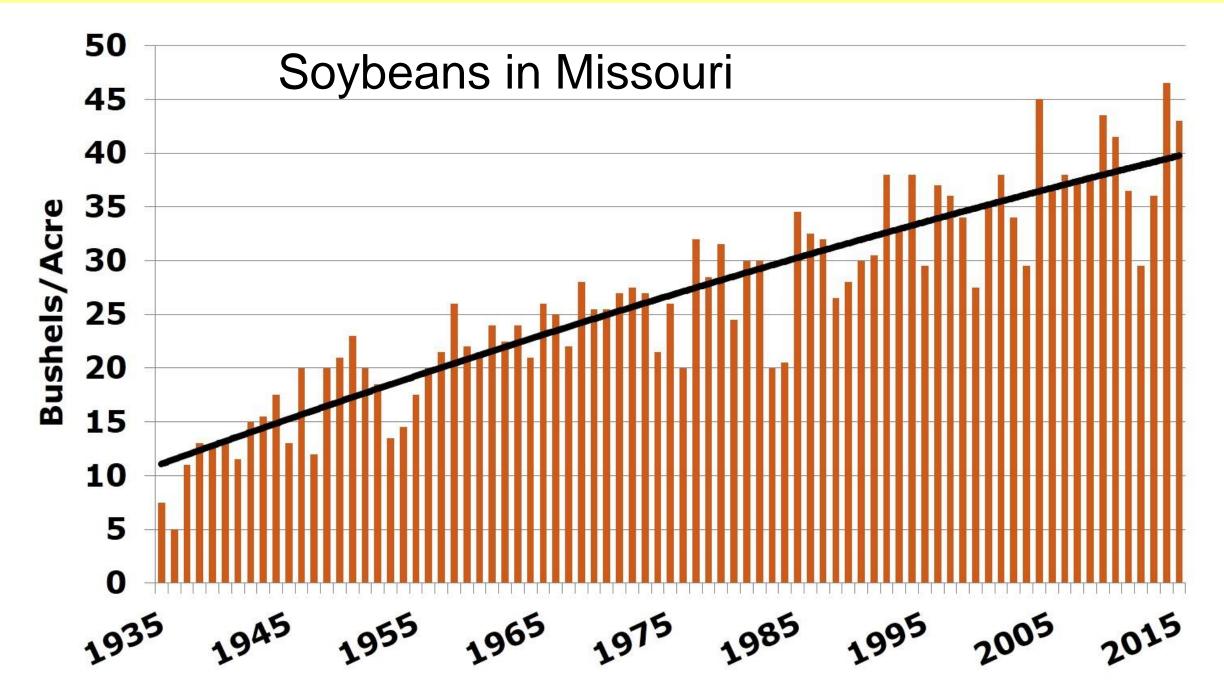


Georgia's state-wide average yield (lbs/Acre) over the past 30 years. (USDA)

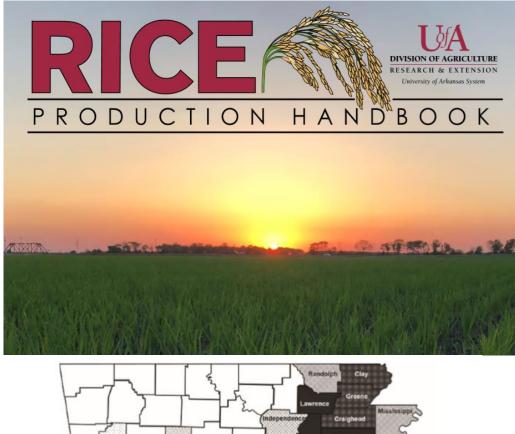
http://extension.msstate.edu/ agriculture/crops/soybeans



Soybean production in Mississippi has experienced many changes over the years. In the 1980's and 1990's, state average yields were 21 and 26 bushels per acre, respectively. During the 2000's, Mississippi's average yield increased to 34 bushels per acre. Since that time, soybean production has improved even more with the 2014 and 2015 growing seasons resulting in the two highest state yields on record, with averages of 52 and 46 bushels per acre, respectively. http://crops.missouri.edu/audit/images/SoybeanYields_MO.jpg



https://www.uaex.edu/publications/pdf/mp192/mp192.pdf



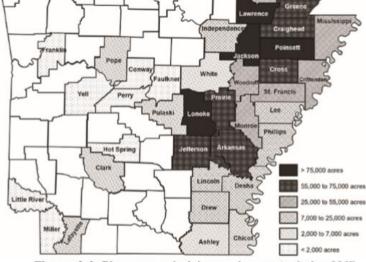
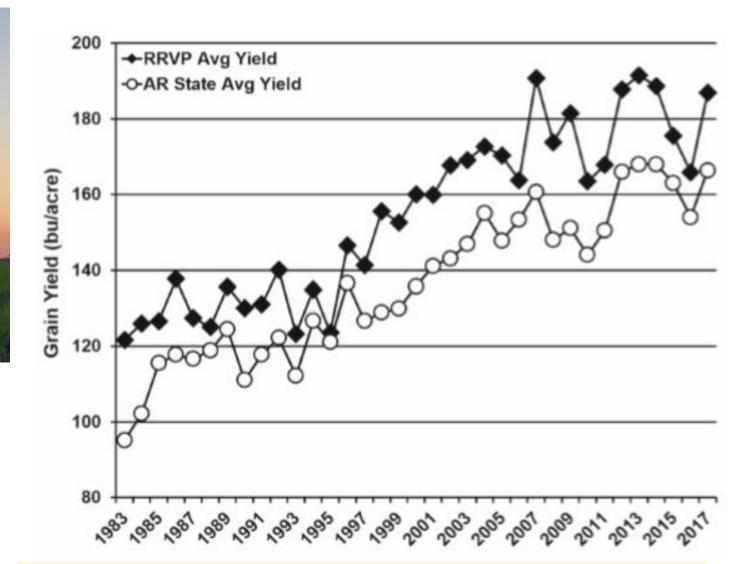


Figure 1-1. Rice acreage in Arkansas by county during 2017.

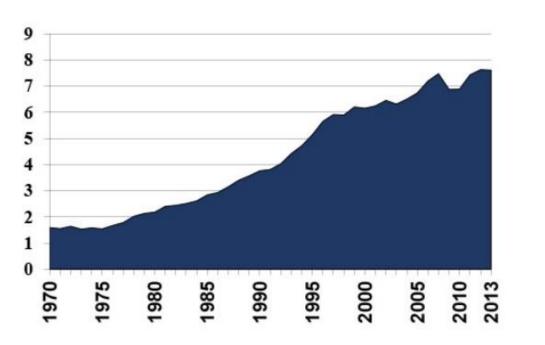


Annual Rice grain yields in Bushels/Acre for Arkansas. The Rice Research Verification Program, RRVP is a UA initiative for management intensity to improve yields

Broiler Growth in Georgia

Pounds Produced: 1970 – 2013

Research and Innovation Have Led to Dramatic **Progress in Broiler Performance**



Prepared by: Georgia Poultry Federation From: USDA NASS Updated: July 2014



Poultry Products in GA

18 16

14

12 10

8

6

2

0

5

4

3

2

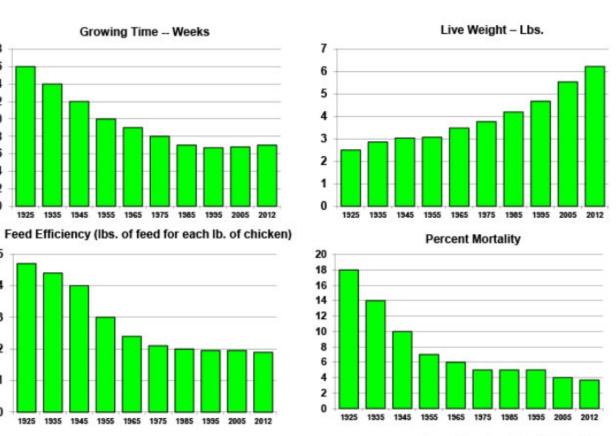
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0

1925 1935 1945 1955

1945 1955

- Poultry earns more than any other Georgia Agriculture commodity
 - \$13.5 billion annually to Georgia's economy
 - Georgia is 1st in the nation in broiler production



Prepared by: Georgia Poultry Federation Source: University of Georgia

