Outlook through August 31
2019 State Peanut Producing Regions

Western States
Virginia Carolinas
Southeastern States including AR & MO
Peanut Acreage by County 2017-19

Legend
Planted_Acres
- 1 - 500
- 501 - 1,000
- 1001 - 5,000
- 5001 - 10,000
- 10,001 - 20,000
- 20,001 - 30,000
- >30,000
Peanut planting progress was near normal for 2019.
Record yields
Record Crop in U.S. in 2017
Usually impacts prices for 2-3 years

• Total U.S.
  – 2012 Production: 3,376,940 Tons
  – 2017 Production: 3,616,800 Tons
    • 7.1% above 2012 record

• Georgia
  – 2015 Production: 1,682,205 Tons
  – 2017 Production: 1,806,750 Tons
    • 7.4% above 2015 record

• Florida
  – 2012 Production: 380,250 Tons
  – 2017 Production: 330,150 Tons
    • 13.2% below 2012 record
## Peanut Area Planted and Harvested, Yield, and Production – States and United States: 2016-2018

<table>
<thead>
<tr>
<th>State</th>
<th>Area planted</th>
<th></th>
<th></th>
<th></th>
<th>Area harvested</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2016 (1,000 acres)</td>
<td>2017 (1,000 acres)</td>
<td>2018 (1,000 acres)</td>
<td>2016 (1,000 acres)</td>
<td>2017 (1,000 acres)</td>
<td>2018 (1,000 acres)</td>
<td></td>
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</tr>
<tr>
<td>Alabama</td>
<td>175.0</td>
<td>195.0</td>
<td>165.0</td>
<td>172.0</td>
<td>193.0</td>
<td>162.0</td>
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<tr>
<td>Arkansas</td>
<td>24.0</td>
<td>30.0</td>
<td>26.0</td>
<td>23.0</td>
<td>29.0</td>
<td>23.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Florida</td>
<td>155.0</td>
<td>195.0</td>
<td>155.0</td>
<td>146.0</td>
<td>185.0</td>
<td>140.0</td>
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<tr>
<td>Georgia</td>
<td>720.0</td>
<td>835.0</td>
<td>665.0</td>
<td>706.0</td>
<td>825.0</td>
<td>650.0</td>
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<tr>
<td>Mississippi</td>
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<td>44.0</td>
<td>25.0</td>
<td>38.0</td>
<td>43.0</td>
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<tr>
<td>New Mexico</td>
<td>8.0</td>
<td>7.6</td>
<td>5.5</td>
<td>8.0</td>
<td>7.6</td>
<td>5.5</td>
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<tr>
<td>North Carolina</td>
<td>101.0</td>
<td>119.0</td>
<td>102.0</td>
<td>99.0</td>
<td>117.0</td>
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<tr>
<td>Oklahoma</td>
<td>13.0</td>
<td>22.0</td>
<td>16.0</td>
<td>12.0</td>
<td>21.0</td>
<td>15.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Carolina</td>
<td>110.0</td>
<td>122.0</td>
<td>87.0</td>
<td>106.0</td>
<td>118.0</td>
<td>82.0</td>
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</tr>
<tr>
<td>Texas</td>
<td>305.0</td>
<td>275.0</td>
<td>155.0</td>
<td>205.0</td>
<td>210.0</td>
<td>145.0</td>
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</tr>
<tr>
<td>Virginia</td>
<td>21.0</td>
<td>27.0</td>
<td>24.0</td>
<td>21.0</td>
<td>27.0</td>
<td>24.0</td>
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<tr>
<td>United States</td>
<td>1,671.0</td>
<td>1,871.6</td>
<td>1,425.5</td>
<td>1,536.0</td>
<td>1,775.6</td>
<td>1,368.5</td>
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</table>

NASS
# Production by State

<table>
<thead>
<tr>
<th>State</th>
<th>Yield per acre</th>
<th>Production</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2016 (pounds)</td>
<td>2017 (pounds)</td>
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<tr>
<td>Alabama</td>
<td>3,600</td>
<td>3,650</td>
</tr>
<tr>
<td>Arkansas</td>
<td>4,800</td>
<td>5,300</td>
</tr>
<tr>
<td>Florida</td>
<td>3,800</td>
<td>3,450</td>
</tr>
<tr>
<td>Georgia</td>
<td>3,900</td>
<td>4,330</td>
</tr>
<tr>
<td>Mississippi</td>
<td>4,000</td>
<td>4,000</td>
</tr>
<tr>
<td>New Mexico</td>
<td>2,800</td>
<td>3,500</td>
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<tr>
<td>North Carolina</td>
<td>3,530</td>
<td>4,100</td>
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<tr>
<td>Oklahoma</td>
<td>3,700</td>
<td>3,780</td>
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<tr>
<td>South Carolina</td>
<td>3,200</td>
<td>4,000</td>
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<tr>
<td>Texas</td>
<td>2,730</td>
<td>3,320</td>
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<tr>
<td>Virginia</td>
<td>3,650</td>
<td>4,440</td>
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<tr>
<td>United States</td>
<td>3,634</td>
<td>4,007</td>
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</table>

NASS
Peanut Situation

• 2018 US Planted Acreage **down 24%** to 1.425 million acres from 2017, and about 1.45 million acres expected in 2019. Low cotton prices have held this acreage.

• US yield/A slightly lower in 2018 than 2017 at 3,991 lb/ac.

• 2018 US production at 2.73 M tons. (2017 record 3.61 M tons).

• Buildup of stocks to 1.3 million tons.

• Domestic use stable and increasing.

• Exports key for prices. Demand flat.

<table>
<thead>
<tr>
<th>2018</th>
<th>Planted Acres</th>
<th>Harvested Acres</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>165</td>
<td>162</td>
<td>3,400</td>
</tr>
<tr>
<td>Florida</td>
<td>155</td>
<td>140</td>
<td>3,600</td>
</tr>
<tr>
<td>Georgia</td>
<td>665</td>
<td>650</td>
<td>4,450</td>
</tr>
<tr>
<td>South Carolina</td>
<td>87</td>
<td>82</td>
<td>3,400</td>
</tr>
<tr>
<td>US</td>
<td>1,425</td>
<td>1,369</td>
<td>3,991</td>
</tr>
</tbody>
</table>
Similar average yield
194 lbs
Difference
6023
5895
5867
5695
5695
5624
5414
5384
4852

0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000

% Total Sound Mature Kernels

2016-2018 University of Florida Variety Tests

Florun™ '331'
Georgia-12Y**
TUFRunner™ '297'
TifNV-High O/L
Georgia-06G**
TUFRunner™ '511'
Florida-07
Georgia-09B
Tifguard**

Pod Yield (lbs/acre)

** Normal O/L
University of Georgia SWVT

2017-2018 University of Georgia Variety Tests (Source: www.swvt.uga.edu)

- **Irrigated**
- **Non-Irrigated**

**Normal O/L**

- Pod Yield (lbs/acre)
- % Total Sound Mature Kernels

Varieties:
- FloRun™ ‘331’
- Georgia-12V**
- Georgia-06G**
- Georgia-16HO
- Georgia-09B
- TUFRunner™ ‘297’
- TifNV-High O/L
- AU-NPL 17
- Georgia-14N
- Tifguard**
- TUFRunner™ ‘511’

** Source:** www.swvt.uga.edu

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**University of Georgia SWVT**
State Updates
Naveen Puppala

2018 acreage ~5500 Acres, expect a few more for 2019 depending on cotton hail damage- replant. Organic market

State Avg – 3000 lbs/a in 2018

Key Production Issues (rains in May delayed planting). Germination erratic in all market types this year. Unusual cold temperatures in May with high wind and sandblasting

Water is biggest Issue with 100% Irrigated
2018 – 18,000 acres- no change for 2019
State Average – 3100 lbs/acre in 2018
Good peanut year so far, above average rain (12 inches in May of this year) below normal temps, foliar diseases with the increased moisture,
Acres depends on contracts --- Concerns huge SE crop
No contracts biggest concern
2019 Texas Peanut production update

Emi Kimura
Extension Agronomist and State Extension Peanut Specialist

Texas A&M Agrilife Extension
Texas Peanut Acreage

- 2018 Planted/Harvested acres: 155k/145k
- 10 yr average planted/harvested: 185k/162k
- % Irrigation: ~90% irrigated
- 2019 acreage is expected to be similar to 2018
Texas Peanut Yield and Varieties

- **2018 average yield in Texas:** 3,100 lbs/ac
- **Popular varieties 2018**
  - Runner: GA09B, ACI789, 511
  - Virginia: Wynne, GA11J, FL Fancy
  - Spanish: AT9899, ACI236, Ole
  - Valencia: TAMVAL OL14
- **2019 Popular varieties still unknown**
  - Late planting due to rains

*Source: TDA Giddings Seed Lab (Certified seed only)*
2019 Key Production Issues

- Planting was delayed by 7-10 days due to wet field conditions
- Pest pressure (diseases and weeds) will likely be higher than 2018
- Yield potential is good with good pest management plans

Significantly wetter than normal years
Travis Faske -- Arkansas

2019

- Rotation is a long term concern for disease control. Had some issues with late leaf spot last year, so when harvest is delayed leaf spot issues could be of concern.
- Not sure about seed quality, most of our seed comes from other states.
- Too much rain, crusting issues but crop looks good.
- Delta Peanut company has been loan approved. This could mean a spike in acreage from 35,000 to more than 60,000. They have farmers signed up and they are looking for seed.
- At least 35,000 acres for 2019
- 2018 yield of 5,000 lbs/A and 3 year is above 5,000 lbs/A
2019
• Acreage likely to remain unchanged from 2018 at 25,000 acres
• Depends on commodity prices-no peanut contracts and cotton is in low 60 cent range
• 44,000 acres planted in 2017
Kris Balkcom

- 2018 acreage – 162,000 acres, expect 170,000 in 2019
- State Average – 3400 lbs/a in 2018
- Started planting early this year which was good since it turned hot and dry from mid May to early June.
- Had high thrips pressure early and some weed escapes due to no rain to activate herbicides
- Isolated rotational issues most of state okay with good stands.
David Wright

- 2018 Acreage - 155,000 acres planted, 170,000 expected for 2019
- State Average – 3600 lbs/a in 2018
- Some planting delays due to repair of pivots and tree removal from hurricane Michael in Oct. of 2018
- Issues for 2019- good moisture early with warm temperatures then dry from mid May until early June followed by high rainfall in some areas with weed escapes
- Some acres have been continuous peanuts for 15-25 years
- Georgia 06G still predominant variety, but Flo-Run 331 and Georgia 12Y, Georgia 16HO, Georgia 09B, etc.
Hurricane Michael, Oct. 10, (10/10) 2018
1800 lbs lint/A before Hurricane Michael and <100 lbs/A a week after
Main issues in Florida

- Rotation
- Nematodes
- Weeds - escapes
- Disease control
- Hurricanes
Maria Balota

- 2018 acres 24,000, 22,000 for 2019
- State Average – 4200 lbs/a in 2018
- Very good year for peanut production so far. Hot and dry toward the end of planting season this year.
- Bailey II is a high oleic cultivar with significantly higher yields than Bailey in multi-state testing, other varieties being grown are Sullivan, Emery and Wynn.
David Jordan

- 2018 acres at 102,000 with 96,000 predicted for 2019
- State Average – 3900 lbs/a in 2018
- Dry weather early, no major disease
- Good stands have been established
- Concerned about resistance to all major groups of pesticides - fungicides, herbicides, and insecticides
- Increases leafspot disease – is this an erosion of resistance in peanut?
Dan Anco

- 2018 Acreage – 87,000.
- State average --- 3400 lbs/a in 2018
- 2019 expect 65,000 acres
- Weather has been favorable overall with good stands
- Volunteer peanuts in part from the previous two challenging harvest years resulting in increased leafspot concerns.
- Recent dry weather has limited effectiveness of herbicides
- Main peanut varieties, Bailey, Sullivan, Georgia 06G, Georgia 09B, TUFRunner 511, FloRun 331, Georgia 12Y.
Sullivan
37 DAP
Planted 22 Apr

Sullivan
8 DAP
Planted 21 May

Hot and dry
Acreage – Flat to small increase to 675,000 acres in 2019 from 665,000 in 2018
Growers say peanut is still good (only) option if cotton $ does not go up. Cotton has not gone up and no peanut contracts.
Seed Quality as a result of storm/Weather (issue for all)
Started planting early and had some planting in early June due to dry, hot soil in non irrigated conditions. Stands look good so far.
Fertility, Weeds, Diseases, Nematodes, Etc.
Recent issue with high temperature and lack of moisture
Yield usually maximized at 2.5 plants/ft

Tillman
# Planted Peanut Acreage Estimates

<table>
<thead>
<tr>
<th>State</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,000 acres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL</td>
<td>195</td>
<td>175</td>
<td>170</td>
</tr>
<tr>
<td>FL</td>
<td>180</td>
<td>170</td>
<td>170</td>
</tr>
<tr>
<td>GA</td>
<td>828</td>
<td>710</td>
<td>675</td>
</tr>
<tr>
<td>MS</td>
<td>44</td>
<td>40</td>
<td>25</td>
</tr>
<tr>
<td>AR</td>
<td>29</td>
<td>29</td>
<td>35</td>
</tr>
<tr>
<td>SE</td>
<td>1,276</td>
<td>1,124</td>
<td>1,075</td>
</tr>
<tr>
<td>NM</td>
<td>5</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>OK</td>
<td>21</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>TX</td>
<td>240 (dryland)</td>
<td>190</td>
<td>155</td>
</tr>
<tr>
<td>SW</td>
<td>266</td>
<td>215</td>
<td>179</td>
</tr>
<tr>
<td>NC</td>
<td>120</td>
<td>105</td>
<td>96</td>
</tr>
<tr>
<td>SC</td>
<td>118</td>
<td>117</td>
<td>65</td>
</tr>
<tr>
<td>VA</td>
<td>23</td>
<td>20</td>
<td>18</td>
</tr>
<tr>
<td>VC</td>
<td>261</td>
<td>242</td>
<td>179</td>
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<tr>
<td>US Total</td>
<td>1,803</td>
<td>1,581 (-12.3%)</td>
<td>1,433</td>
</tr>
</tbody>
</table>

USDA NASS report due out Friday, June 28
Special thanks to peanut specialists

Scott Monfort – Univ. of Georgia
Brendan Zurweller – Mississippi State Univ.
Emi Kimura – Texas AgriLife Extension
Maria Balota – Virginia Tech Univ.
David Jordan – North Carolina State Univ.
Travis Faske – Univ. of Arkansas
Naveen Puppala – New Mexico State Univ.
John Damicone – Oklahoma State Univ.
Kris Balkcom – Auburn Univ.
Dan Anco – Clemson University
Thank you!
Questions?

Field Day Marianna, FL
Aug. 15, 2019

FloRun 331