The 2006 Georgia Peanut Crop

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Tifton Campus

20th Annual Georgia Peanut Tour
“Hot Topics” Seminar
12 September 2006
Georgia Peanut Acreage
1950 - 2006

(1,000 acres)
Georgia Peanut Yields
1950 - 2005

2003 – 3,450 lbs/A
Georgia Peanut Yields & Acreage
1950 - 2005

(lbs/A) (1,000 acres)
Georgia Peanut Yields & Acreage
1980 - 2005

(lbs/A) vs. (1,000 acres)

(Lbs/A)
(Acres)
# Georgia Peanut Crop Ratings - 2006

<table>
<thead>
<tr>
<th>Report Date</th>
<th>Very Poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
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</thead>
<tbody>
<tr>
<td>July 16</td>
<td>7</td>
<td>17</td>
<td>39</td>
<td>32</td>
<td>5</td>
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<tr>
<td>July 23</td>
<td>9</td>
<td>18</td>
<td>42</td>
<td>29</td>
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<td>July 30</td>
<td>9</td>
<td>20</td>
<td>40</td>
<td>29</td>
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<tr>
<td>August 6</td>
<td>10</td>
<td>20</td>
<td>38</td>
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<td>August 13</td>
<td>10</td>
<td>20</td>
<td>37</td>
<td>30</td>
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<td>August 20</td>
<td>9</td>
<td>21</td>
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<td>August 27</td>
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<td>23</td>
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<tr>
<td>Sept 3</td>
<td>8</td>
<td>22</td>
<td>39</td>
<td>29</td>
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<td>Sept 10</td>
<td>7</td>
<td>23</td>
<td>36</td>
<td>31</td>
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SOURCE: Georgia Agricultural Statistics Service
# Georgia Peanut Crop Ratings

as of the first weekend of September

<table>
<thead>
<tr>
<th>Year</th>
<th>Very Poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
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<tbody>
<tr>
<td>2006</td>
<td>8</td>
<td>22</td>
<td>39</td>
<td>29</td>
<td>2</td>
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<tr>
<td>2005</td>
<td>1</td>
<td>6</td>
<td>22</td>
<td>53</td>
<td>18</td>
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<td>2003</td>
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<td>4</td>
<td>22</td>
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<td>1990</td>
<td>22</td>
<td>34</td>
<td>40</td>
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<tr>
<td>1986</td>
<td>2</td>
<td>9</td>
<td>55</td>
<td>34</td>
<td>0</td>
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</tbody>
</table>

SOURCE: Georgia Agricultural Statistics Service
## Rainfall Totals by Month

**Tifton, GA**

<table>
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<tbody>
<tr>
<td>Tift Co. lbs/A</td>
<td>2850</td>
<td>1345</td>
<td>2555</td>
<td>3215</td>
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<tr>
<td>GA lbs/A</td>
<td>2455</td>
<td>1750</td>
<td>2700</td>
<td>3450</td>
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Rainfall totals (inches) for May 16 – June 30 (45 days) compared to July 1 – August 14 (45 days) at select locations in the Georgia Peanut Belt, 2006

SOURCE: www.georgiaweather.net (rainfall calculator)
Departure from Normal Precipitation (in)

Generated 8/15/2006 at HPRCC using provisional data.
NOAA Regional Climate Centers
Departure from Normal Precipitation (in)

Generated 9/6/2006 at HPRCC using provisional data.
NOAA Regional Climate Centers
Maximum Air Temperature
June 1 – August 15, Tifton, GA

1986: 93.2
2003: 87.7
2006: 91.4
Averages: AVG
Comparing 1986 to 2006

**1986**
- Predominant cultivar was Florunner with some acreage of GK-7; Southern Runner was just released
- 27% of crop planted in April
- Fungicide program was spray Bravo 8 times in a season
- TSWV was an oddity in a couple of fields across the state
- $680 per ton

**2006**
- Predominant cultivar is Georgia Green with about 10 other cultivar options
- 5% of crop planted in April, 75% planted after May 14
- Plethora of fungicide options and programs
- TSWV is major yield limiting factor and has been for nearly 15 years
- $355 per ton
Lesser cornstalk borer
Lesser Cornstalk Borer
Spider mites
Palmer amaranth
or
Pigweed
Annual Losses to Spotted Wilt in Georgia Peanuts, 1990-2005

- 5% Planted before April 26
- 75+% Georgia Green
- 95% Georgia Green
- 6% planted before May 1
- 1st TSWV Risk Index
- Georgia Green released

Graph showing losses in yield (%) and losses in dollars (SM) from 1990 to 2005.
Do we have time to make a crop in those fields that are in early pegging and pod set??

1) We would have to have consistent and normal to above normal rainfall the remainder of September
   - Will we have a September like 2004 or 2005?
   - Average precipitation @ Tifton
     - September – 3.69
     - October – 2.29

2) Will we have warm nights in October and early November?
Average Minimum Temperature @ Tifton
October 1 – November 15 (83 yr. avg)
University of Georgia

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Research and Extension

www.ugapeanuts.com