September 18, 2017

General
According to the National Agricultural Statistics Service in Florida, there were 4.2 days suitable for fieldwork for the week ending Sunday, September 17, 2017. Precipitation estimates ranged from trace amounts of rain to 12.92 inches in Inverness (Citrus County). The average mean temperatures ranged from 70.7°F in Niceville (Okaloosa County) to 86.1°F in Miami (Miami-Dade County).

Citrus
The citrus region had average temperatures ranging from the mid-80s to the mid-90s. Rainfall was heaviest in the northern and central areas as remnants from Hurricane Irma continued to bring rainfall throughout Monday morning. Mount Plymouth (Lake County) had 11.54 inches for the week. Bartow (Polk County) had 8.28 inches of rainfall for the week. According to the September 12, 2017, U.S. Drought Monitor, the complete citrus growing region is drought free.

Normal grove operations were halted in all areas due to the storm. Groves were flooded or extremely wet making it impossible to conduct grove care of any kind. After the storm passed, caretakers were pumping standing water out of the grove rows the best they could and trying to get canals and ditches back to normal levels. Owners were surveying groves to assess damage to the fruit and to the trees. By the middle of the week, growers were surveying roads for washouts and repairing pot holes as they could get to them.

Fruits and Vegetables
Some strawberry beds in Hillsborough County were compromised due to Hurricane Irma and will need to be repaired. Major losses to cabbage, collards, okra, and southern peas were reported in Bradford County. Widespread significant losses were reported to all plastic laid and vegetables planted in Collier, Glades, Hendry, and Lee Counties.

Livestock and Pastures
Pasture quality remains in mostly good condition throughout the state, although there were multiple reports of flooded pastures. There are some concerns that many pastures will have very low production. Livestock are unable to graze in many places due to the flooded pastures. Cattle in St. Lucie County were seen standing in knee-deep water. Cattle herds were reported to be very thin in Brevard and Indian River Counties. Cattle remain in mostly good condition at this point.

Field Crops
No damage to the peanut crop was reported from Jackson County, but there was some wind damage to the cotton crop. Whiteflies are also a problem on cotton in Jackson County. Cotton damage was also reported in Holmes and Madison Counties. There were reports of significant peanut damage and delays in harvesting in Dixie, Gilchrist, and Levy Counties. Unharvested corn in Columbia County was blown down in the storm, where very little has been harvested due to consistent rainfall. Virtually all sugarcane in Glades, Hendry, and Palm Beach Counties was blown down and flooded during Hurricane Irma. Damages will continue to be assessed, but hope remains that the crop will stand back up.
### Soil Moisture for Week Ending 9/17/17

<table>
<thead>
<tr>
<th>Topsoil</th>
<th>This week</th>
<th>Previous week</th>
<th>5 year avg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Very short</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Short</td>
<td>4</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>Adequate</td>
<td>60</td>
<td>70</td>
<td>71</td>
</tr>
<tr>
<td>Surplus</td>
<td>36</td>
<td>26</td>
<td>19</td>
</tr>
</tbody>
</table>

### Crop Progress for Week Ending 9/17/17

<table>
<thead>
<tr>
<th>Crop stage</th>
<th>This week</th>
<th>Prev week</th>
<th>Prev year</th>
<th>5 Year avg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton - Bolls Opening</td>
<td>53</td>
<td>52</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cotton - Harvested</td>
<td>1</td>
<td>0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Peanuts - Dug</td>
<td>27</td>
<td>18</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Peanuts - Harvested</td>
<td>18</td>
<td>13</td>
<td>25</td>
<td>20</td>
</tr>
</tbody>
</table>

### Condition for Week Ending 9/17/17

<table>
<thead>
<tr>
<th>Crop</th>
<th>Very poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Cattle</td>
<td>0</td>
<td>2</td>
<td>15</td>
<td>70</td>
<td>13</td>
</tr>
<tr>
<td>Cotton</td>
<td>4</td>
<td>9</td>
<td>25</td>
<td>50</td>
<td>12</td>
</tr>
<tr>
<td>Pasture &amp; range</td>
<td>2</td>
<td>3</td>
<td>18</td>
<td>61</td>
<td>16</td>
</tr>
<tr>
<td>Peanuts</td>
<td>0</td>
<td>6</td>
<td>27</td>
<td>53</td>
<td>14</td>
</tr>
</tbody>
</table>

### U.S. Drought Monitor

**Florida**

September 11, 2017 to September 17, 2017

(Intensity: D0 Abnormally Dry, D3 Extreme Drought, D1 Moderate Drought, D4 Exceptional Drought, D2 Severe Drought)

September 12, 2017 (Released Thursday, Sep.14, 2017)

http://droughtmonitor.unl.edu

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