General
According to the National Agricultural Statistics Service in Florida, there were 6.7 days suitable for fieldwork for the week ending Sunday, October 23, 2016. Precipitation estimates ranged from no rain in several locations, including Alachua (Alachua County), Balm (Hillsborough County), and Jay (Santa Rosa County) to 0.37 inches in Homestead (Miami-Dade County). The average mean temperatures ranged from 66.4°F in Monticello (Jefferson County) to 77.8°F in Ft. Lauderdale (Broward County). Several counties in the Panhandle remain in a moderate drought and in need of rain. Growers in the central and southern parts of the state report ideal growing conditions as we move into cooler temperatures.

Citrus
Temperatures were above average this week until a cold front on Friday brought cooler weather to the citrus growing region. Highs over the weekend were mostly in the upper 70s; temperatures at night dropped to upper 40s to the mid 50s. Only half of the eighteen monitored rain stations recorded rainfall. Vero Beach (Indian River County) was the only station with more than a tenth of an inch. According to the U.S. Drought Monitor last updated October 18, 2016, the complete citrus region was drought free.

Fruit harvested for the fresh market included early oranges, Fallglo tangerines, Ambersweet and Navel oranges, and red grapefruit. Fruit is not yet being sent to the processing plants. Growers are mowing in preparation for harvesting. Caretakers are spraying and herbiciding as part of normal routine grove care. Spraying for psyllids is becoming common in most areas. Irrigation is being run in most well cared for groves due to the dry weather over the past two weeks. Pushing of dead and dying trees continues, with resetting of new trees being reported.

Citrus Estimated Boxes Harvested
[In thousands of 1-3/5 bushel boxes]

<table>
<thead>
<tr>
<th>Crop</th>
<th>For week ending</th>
<th>Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(boxes)</td>
<td>(boxes)</td>
</tr>
<tr>
<td>Early and Mid-oranges</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Amber sweet</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Navel oranges</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>White grapefruit</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Red grapefruit</td>
<td>25</td>
<td>34</td>
</tr>
<tr>
<td>Sunburst tangerines</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fallglo tangerines</td>
<td>13</td>
<td>27</td>
</tr>
<tr>
<td>Total</td>
<td>41</td>
<td>72</td>
</tr>
</tbody>
</table>

Fruits and Vegetables
Producers are planting fall vegetables in Orange, Osceola, and Volusia Counties. Growers in south Florida noted optimal growing and harvesting conditions for vegetables. Crops coming to market this week include avocado, bitter melon, boniato, cucumber, eggplant, malanga, okra, pepper, star fruit, squash, tomato, and other tropical fruits.

Livestock and Pastures
The pasture quality has continued to decline seasonally with drier weather and shorter days. Cattle are reported to be in mostly good condition throughout the state. In Brevard County, cattle were noted to be struggling to find low grasses.

Field Crops
Several counties in the Panhandle reported extremely dry conditions. The lack of moisture in Jackson County stopped planting activities and made it difficult to harvest any peanuts this week. Cotton harvest continues in Walton, Escambia, Jackson, and Santa Rosa Counties. Soybean harvest is complete in Walton County. Hay cutting activities were reported from Dixie, Okeechobee, Orange, Pasco, and Volusia Counties. Sugarcane harvest in ongoing in Glades, Hendry, and Palm Beach Counties.
Soil Moisture for Week Ending 10/23/16

<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>6</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Short</td>
<td>18</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>Adequate</td>
<td>57</td>
<td>58</td>
<td>69</td>
</tr>
<tr>
<td>Surplus</td>
<td>19</td>
<td>23</td>
<td>11</td>
</tr>
</tbody>
</table>

Crop Progress for Week Ending 10/23/16

<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></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Peanuts - Harvested</td>
<td>89</td>
<td>82</td>
<td>87</td>
<td>79</td>
</tr>
</tbody>
</table>

Condition for week ending 10/23/16

<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>1</td>
<td>23</td>
<td>67</td>
<td>9</td>
</tr>
<tr>
<td>Pasture &amp; Range</td>
<td>2</td>
<td>6</td>
<td>30</td>
<td>55</td>
<td>7</td>
</tr>
</tbody>
</table>

U.S. Drought Monitor

Florida

Precipitation (in)
10/17/2016 - 10/23/2016

Intensity:
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

October 18, 2016 (Released Thursday Oct. 20, 2016)
http://droughtmonitor.unl.edu

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