



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.65 inches, 0.45 inches below normal. Temperatures averaged 64 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 1 percent short, 79 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 1 percent short, 82 percent adequate, and 17 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

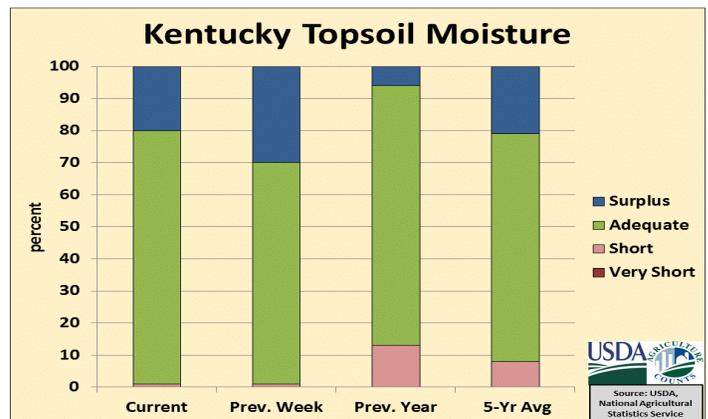
Primary activities this week included planting corn and soybeans, setting tobacco, spraying fields, applying fungicides, and performing ground preparations. Producers are monitoring upcoming weather forecasts closely to find windows for more planting and hay cutting to take place. Pasture conditions are improving and greening up.

Tobacco transplant supplies were reported as 3 percent short, 92 percent adequate, and 5 percent surplus. Twelve percent of tobacco transplants were under 2 inches, with 47 percent between 2-4 inches, and 41 percent over 4 inches.

**SOIL MOISTURE for week ending 05/12/19**

|         | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
|         | %          | %     | %        | %       |
| Topsoil | -          | 1     | 79       | 20      |
| Subsoil | -          | 1     | 82       | 17      |

- Represents zero.

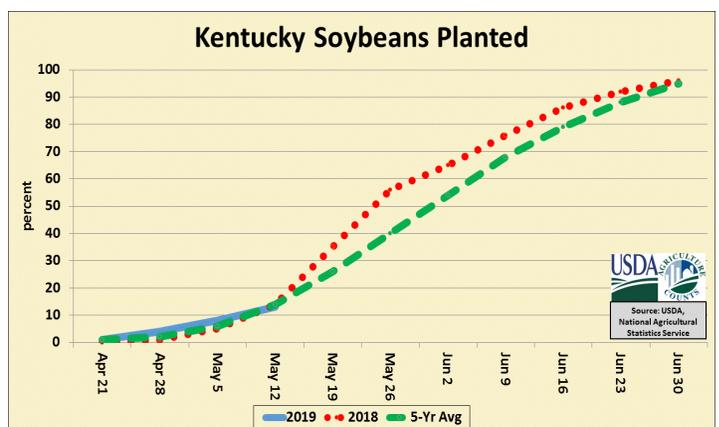
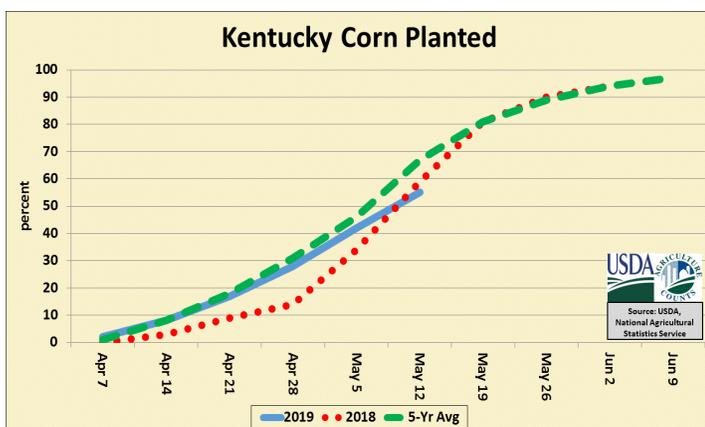


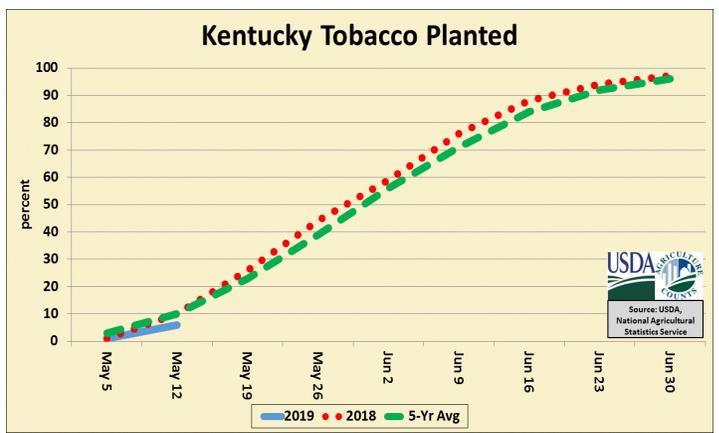
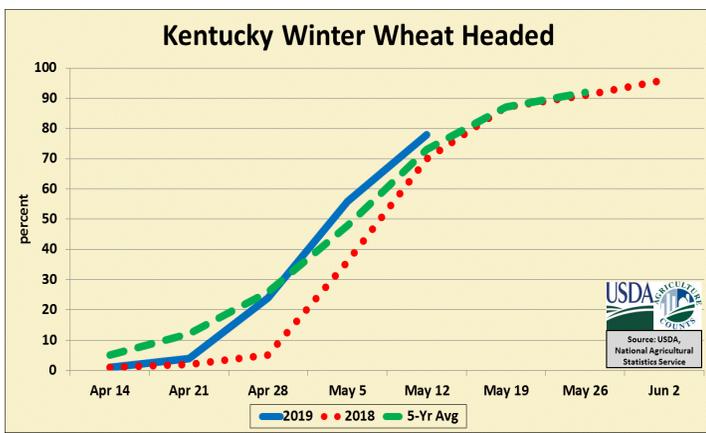
**CROP PROGRESS for week ending 05/12/19**

| Crop Stage          | This Week | Last Week | Last Year | 5-Yr Avg |
|---------------------|-----------|-----------|-----------|----------|
|                     | %         | %         | %         | %        |
| Corn Planted        | 55        | 42        | 59        | 67       |
| Corn Emerged        | 37        | 22        | 28        | 39       |
| Soybeans Planted    | 13        | 8         | 14        | 14       |
| Tobacco Set         | 6         | 1         | 10        | 10       |
| Winter Wheat Headed | 78        | 56        | 70        | 73       |

**CROP CONDITIONS for week ending 05/12/19**

| Crop    | Very Poor | Poor | Fair | Good | Excellent |
|---------|-----------|------|------|------|-----------|
|         | %         | %    | %    | %    | %         |
| Pasture | 2         | 8    | 24   | 59   | 7         |
| Wheat   | 1         | 4    | 22   | 60   | 13        |





**Kentucky Climate Summary  
For the Period May 6, 2019 to May 12, 2019**

Above Normal Temperatures and Below Normal Rainfall:

Weather-wise, the first and second halves of the period were nearly opposite to each other. Dry and very warm conditions were in place for Monday through Wednesday. In fact, highs rose solidly into the low to middle 80s across the state by Wednesday. Combined with some elevated humidity, Kentucky got an early taste of summer. Conditions then took a 180-degree turn for the second half of the week as wet and cooler weather returned. The state saw several rounds of scattered to numerous showers pass through the region, but total accumulations were fairly light for most of the state. While portions of Southeastern Kentucky and the Northern Bluegrass saw rainfall well in upwards of an inch, Western and Central Kentucky averaged less than a half inch.

Temperatures for the period averaged 64 degrees across the state which was 2 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 72 in the West to 75 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 56 degrees in the West to 56 degrees in the East. Departure from normal low temperatures ranged from 3 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at BOWLING GREEN APT and the extreme low was 43 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.65 inches statewide which was 0.45 inches below normal and 59% of normal. Precipitation totals by climate division, West 0.41 inches, Central 0.38 inches, Bluegrass 0.52 inches and East 1.30 inches, which was -0.75, -0.78, -0.50 and 0.25 inches respectively from normal. By station, precipitation totals ranged from a low of 0.13 inches at OWENSBORO AWSS to a high of 3.42 inches at MIDDLESBORO AWOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/12/19 4 p.m.**

| Weather Station | Precipitation |             | Deviation<br>From Norm<br>Since<br>Jan 1 | Temperatures         |                      |                      |                      | Wkly.<br>Avg.        | Air Temp.<br>Dev.<br>From<br>Normal |
|-----------------|---------------|-------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------------------|
|                 | Last Week     | Since Jan 1 |  | Soil                 |                      | Air                  |                      |                      |                                     |
|                 |               |             |  | 4 In. Grass          |                      | High                 | Low                  |                      |                                     |
|                 |               |             |  | High                 | Low                  |                      |                      |                      |                                     |
| (Inches)        | (Inches)      | (Inches)    | (Degrees Fahrenheit)                     | (Degrees Fahrenheit) | (Degrees Fahrenheit) | (Degrees Fahrenheit) | (Degrees Fahrenheit) | (Degrees Fahrenheit) |                                     |
| Bardstown       | 0.19          | 22.16       | 6.08                                     | 70                   | 62                   | 82                   | 44                   | 64                   | 0                                   |
| Berea           | 0.51          | 20.07       | 3.90                                     | --                   | --                   | 84                   | 45                   | 64                   | 1                                   |
| Bowling Green   | 0.17          | 23.58       | 4.30                                     | 79                   | 63                   | 87                   | 49                   | 66                   | 2                                   |
| Bristol         | 0.93          | 23.81       | 8.63                                     | --                   | --                   | 85                   | 48                   | 68                   | 5                                   |
| Buckhorn Lake   | 1.37          | 22.75       | 5.94                                     | --                   | --                   | 81                   | 48                   | 65                   | 2                                   |
| Cape Girardeau  | 0.67          | 25.10       | 7.41                                     | --                   | --                   | 85                   | 50                   | 64                   | -3                                  |
| Campbellsville  | 0.25          | 22.44       | 3.16                                     | --                   | --                   | 82                   | 44                   | 63                   | -1                                  |
| Covington       | 0.74          | 23.96       | 9.03                                     | --                   | --                   | 82                   | 45                   | 62                   | -1                                  |
| Cumberland Gap  | 2.41          | 36.30       | 16.98                                    | --                   | --                   | 71                   | 41                   | 59                   | -4                                  |
| Dix Dam         | 0.17          | 18.36       | 1.59                                     | --                   | --                   | 81                   | 45                   | 64                   | 1                                   |
| Evansville      | 0.34          | 26.28       | 9.93                                     | --                   | --                   | 85                   | 47                   | 63                   | -4                                  |
| Glasgow         | 0.37          | 23.77       | 4.15                                     | 70                   | 61                   | 83                   | 47                   | 64                   | 0                                   |
| Grayson         | 0.89          | 18.05       | 3.61                                     | --                   | --                   | 85                   | 46                   | 64                   | 1                                   |
| Hardinsburg     | 0.42          | 26.11       | 7.94                                     | --                   | --                   | 84                   | 48                   | 63                   | -1                                  |
| Henderson       | 0.22          | 24.34       | 7.44                                     | --                   | --                   | 85                   | 50                   | 63                   | -4                                  |
| Huntington      | 1.11          | 18.00       | 3.64                                     | --                   | --                   | 86                   | 45                   | 65                   | 2                                   |
| Jackson         | 1.04          | 21.70       | 4.64                                     | --                   | --                   | 84                   | 47                   | 66                   | 3                                   |
| Lexington       | 0.19          | 20.04       | 3.96                                     | 67                   | 60                   | 84                   | 46                   | 64                   | 1                                   |
| London          | 1.24          | 26.30       | 9.23                                     | --                   | --                   | 83                   | 49                   | 66                   | 3                                   |
| Louisville      | 0.35          | 24.25       | 7.41                                     | --                   | --                   | 86                   | 51                   | 66                   | 2                                   |
| Mayfield        | 0.44          | 30.33       | 9.56                                     | --                   | --                   | 87                   | 47                   | 64                   | -3                                  |
| Nashville       | 0.68          | 27.08       | 8.56                                     | --                   | --                   | 89                   | 50                   | 68                   | 4                                   |
| Nolin Lake      | 0.20          | 24.96       | 6.29                                     | --                   | --                   | 86                   | 47                   | 65                   | 1                                   |
| Paducah         | 0.52          | 32.56       | 13.55                                    | 71                   | 62                   | 86                   | 48                   | 64                   | -3                                  |
| Princeton       | 0.20          | 23.91       | 4.02                                     | 79                   | 60                   | 85                   | 46                   | 63                   | -4                                  |
| Quicksand       | 0.76          | 20.30       | 3.24                                     | --                   | --                   | 83                   | 47                   | 65                   | 2                                   |
| Somerset        | 0.98          | 24.75       | 6.35                                     | --                   | --                   | 83                   | 49                   | 64                   | 1                                   |
| Spindletop      | 0.44          | 21.55       | 5.47                                     | 65                   | 58                   | 85                   | 46                   | 65                   | 2                                   |
| Williamstown    | 1.89          | 26.38       | 10.51                                    | --                   | --                   | 81                   | 45                   | 62                   | -1                                  |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.