



# Crop Progress and Condition

## USDA, NASS, Kentucky Field Office

David Knopf, Director  
601 W Broadway, Rm 645  
Louisville, Kentucky 40201-1120  
(502) 907-3250 or 1-800-928-5277  
Email: nassrfoemr@nass.usda.gov

## In Cooperation with:

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

Released: October 17, 2022

Issue: 33-22

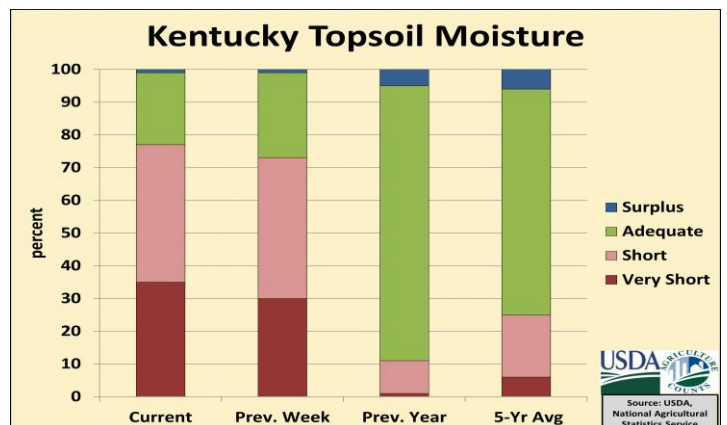
**Agricultural News:** Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.27 inches, 0.45 inches below normal. Temperatures averaged 58 degrees for the week, near normal. **Topsoil moisture** was rated 35 percent very short, 42 percent short, 22 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 27 percent very short, 46 percent short, 26 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

Primary activities for this week included stripping tobacco, seeding winter wheat, and harvesting corn and soybeans. Dry weather persists across the state allowing farmers to forge ahead with the fall harvest. The state has now entered moderate drought and although good for fieldwork, fall growth of pasture and hay has been stunted. Both corn and soybeans are very low in moisture raising concern for some producers. Corn is now 78 percent harvested. Ninety-three percent of the soybean crop is coloring at this juncture. The bean harvest is rolling along at 48 percent complete as 81 percent of the crop is dropping leaves. Soybean condition remains stable despite the very dry weather. Currently, Tobacco is 28 percent stripped. The condition of housed tobacco is 4 percent very poor, 8 percent poor, 24 percent fair, 60 percent good, and 4 percent excellent. Tobacco houseburn is rated as 4 percent severe, 17 percent moderate, 33 percent light, and 46 percent with none evident.

Pasture ground continues to struggle due to the ongoing drought. Deterioration and lack of regrowth has greatly limited any grazing even as many producers rotate. Farmers are feeding hay early and tapping into an already tight supply for many. The lack of moisture is causing fall forage seedings to fail germination in some instances. Winter wheat is being seeded, however moisture is needed. Previously seeded wheat is now emerging.

### SOIL MOISTURE for week ending 10/16/22

|         | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
|         | %          | %     | %        | %       |
| Topsoil | 35         | 42    | 22       | 1       |
| Subsoil | 27         | 46    | 26       | 1       |

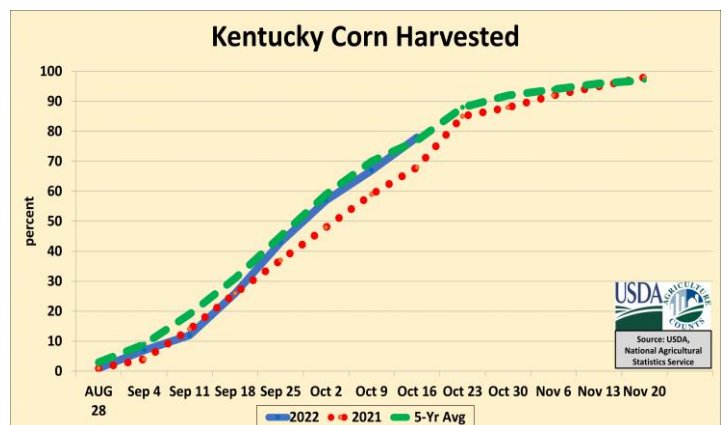
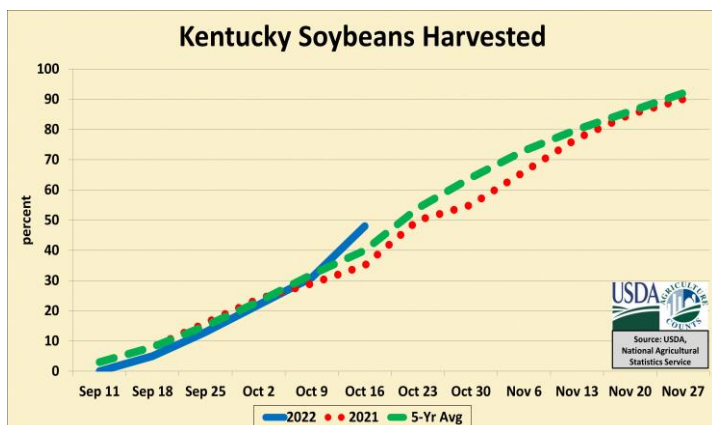


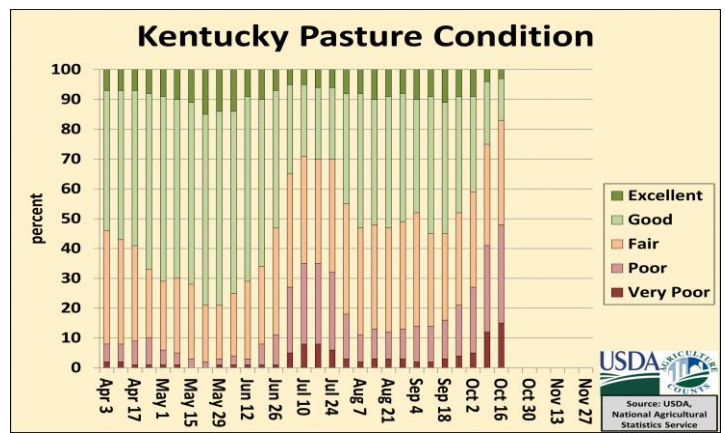
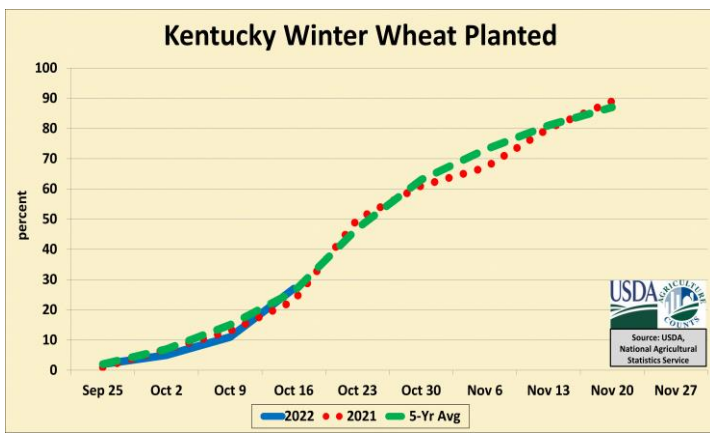
### CROP PROGRESS for week ending 10/16/22

| Crop Stage               | This Week | Last Week | Last Year | 5-Yr Avg |
|--------------------------|-----------|-----------|-----------|----------|
|                          | %         | %         | %         | %        |
| Corn Harvested           | 78        | 67        | 68        | 77       |
| Soybeans Coloring        | 93        | 87        | 94        | 95       |
| Soybeans Dropping Leaves | 81        | 70        | 79        | 81       |
| Soybeans Harvested       | 48        | 31        | 35        | 40       |
| Tobacco Stripped         | 28        | 20        | 23        | 26       |
| Winter Wheat Seeded      | 27        | 11        | 23        | 26       |
| Winter Wheat Emerged     | 7         | 1         | 8         | 9        |

### CROP CONDITIONS for week ending 10/16/22

| Crop           | Very Poor | Poor | Fair | Good | Excellent |
|----------------|-----------|------|------|------|-----------|
|                | %         | %    | %    | %    | %         |
| Pasture        | 15        | 33   | 35   | 14   | 3         |
| Soybeans       | 4         | 12   | 32   | 42   | 10        |
| Tobacco Housed | 4         | 8    | 24   | 60   | 4         |





**Kentucky Climate Summary**  
**For the Period October 10, 2022 to October 16, 2022**

Near Normal Temperatures and Below Normal Rainfall:

Drought continues to expand and intensify across the state following another week of below normal rainfall. The latest update to the U.S. Drought Monitor shows roughly 45% of Kentucky now in a Moderate Drought. Severe Drought even saw a slight expansion across Western Kentucky. Looking at accumulations for the week, a small area running from South-Central to Northeastern Kentucky saw a half to 1 inch+. Otherwise, most everyone else missed out on higher totals with the state average coming in at 0.26 inches. The dry conditions, combined with high winds and low relative humidity, led to a couple periods of elevated fire danger to end the workweek.

Temperatures for the period averaged 58 degrees across the state which was near normal and 2 degrees warmer than the previous period. High temperatures averaged from 74 in the West to 70 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 46 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 84 degrees at BOWLING GREEN APT and the extreme low was 28 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.27 inches statewide which was 0.45 inches below normal and 37% of normal. Precipitation totals by climate division, West 0.13 inches, Central 0.32 inches, Bluegrass 0.27 inches and East 0.36 inches, which was 0.61, 0.42, 0.43 and 0.36 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 1.16 inches at SCOTTSVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 10/16/22 7 P.M.^**

| County            | Weather Station   | Rainfall      |               |                | Deviation From     |                    | Air Temperatures |                  |                  |                  |
|-------------------|-------------------|---------------|---------------|----------------|--------------------|--------------------|------------------|------------------|------------------|------------------|
|                   |                   | Last Week     | Since Apr 1   | Last Four Wks. | Norm. Since Apr 1* | Norm. Last 4 Wks.* | High             | Low              | Wkly. Avg.       | Dev. From Norm.* |
|                   |                   | <i>Inches</i> | <i>Inches</i> | <i>Inches</i>  | <i>Inches</i>      | <i>Inches</i>      | <i>Degrees F</i> | <i>Degrees F</i> | <i>Degrees F</i> | <i>Degrees F</i> |
| <b>Western KY</b> |                   |               |               |                |                    |                    |                  |                  |                  |                  |
| Caldwell          | Princeton(M)      | 0.03          | 22.19         | 0.07           | -5.63              | -3.46              | 80               | 32               | 58               | -2               |
| Christian         | Hopkinsville(M)   | 0.11          | 26.76         | 0.18           | -2.33              | -3.24              | 82               | 39               | 61               | 0                |
| Daviess           | Owensboro(AP)     | 0.07          | 17.60         | 0.41           | -8.27              | -2.73              | 81               | 35               | 60               | 0                |
| Fulton            | Hickman(M)        | 0.04          | 23.95         | 0.06           | -3.60              | -3.51              | 81               | 32               | 62               | 1                |
| Marshall          | Benton(M)         | 0.10          | 24.92         | 0.11           | -5.98              | -3.57              | 80               | 36               | 61               | 0                |
| McCracken         | Paducah(AP)       | 0.21          | 21.00         | 0.21           | -6.55              | -3.36              | 83               | 36               | 61               | 0                |
| McLean            | Calhoun(M)        | 0.00          | 24.77         | 1.01           | -3.73              | -2.60              | 80               | 31               | 56               | -5               |
| Todd              | Elkton(M)         | 0.22          | 25.35         | 0.36           | -3.74              | -3.06              | 84               | 33               | 59               | -1               |
| Union             | Morganfield(M)    | 0.01          | 21.63         | 0.21           | -4.24              | -2.93              | 81               | 34               | 58               | -1               |
| <b>Central KY</b> |                   |               |               |                |                    |                    |                  |                  |                  |                  |
| Barren            | Glasgow(M)        | 0.35          | 23.92         | 0.48           | -5.50              | -2.97              | 81               | 35               | 59               | 0                |
| Breckinridge      | Hardinsburg(M)    | 0.04          | 26.46         | 0.25           | -2.63              | -3.31              | 78               | 36               | 57               | -1               |
| Clinton           | Albany(M)         | 0.85          | 28.04         | 0.90           | -3.09              | -2.66              | 78               | 31               | 57               | 0                |
| Hardin            | Elizabethtown(M)  | 0.03          | 22.86         | 0.14           | -6.23              | -3.42              | 80               | 31               | 56               | -2               |
| Hart              | Munfordville(M)   | 0.18          | 18.30         | 0.18           | -11.27             | -3.25              | 82               | 34               | 58               | -4               |
| Jefferson         | Louisville(AP)    | 0.00          | 22.22         | 0.17           | -5.43              | -3.37              | 81               | 41               | 61               | 0                |
| Taylor            | Campbellsville(M) | 0.41          | 21.43         | 1.28           | -7.73              | -2.22              | 81               | 31               | 56               | -2               |
| Warren            | Bowling_Green(AP) | 0.21          | 21.86         | 0.25           | -6.20              | -3.07              | 84               | 37               | 62               | 1                |
| <b>Bluegrass</b>  |                   |               |               |                |                    |                    |                  |                  |                  |                  |
| Boone             | Cinci./NKY(AP)    | 0.05          | 29.14         | 0.31           | 3.14               | -2.61              | 78               | 35               | 57               | 0                |
| Boyle             | Danville(M)       | 1.20          | 22.20         | 1.23           | -7.25              | -2.26              | 79               | 35               | 56               | -2               |
| Fayette           | Lexington(AP)     | 0.18          | 22.06         | 0.31           | -6.89              | -2.97              | 80               | 37               | 60               | 1                |
| Franklin          | Frankfort(M)      | 0.01          | 22.74         | 0.09           | -4.27              | -3.14              | 81               | 35               | 56               | -2               |
| Madison           | Richmond(M)       | 0.39          | 24.63         | 0.43           | -4.82              | -3.06              | 79               | 30               | 54               | -4               |
| Mason             | Maysville(M)      | 0.52          | 25.12         | 0.70           | -2.53              | -2.39              | 78               | 34               | 55               | -2               |
| <b>Eastern KY</b> |                   |               |               |                |                    |                    |                  |                  |                  |                  |
| Breathitt         | Jackson(AP)       | 0.22          | 30.53         | 0.56           | 0.99               | -2.63              | 78               | 38               | 59               | 0                |
| Harlan            | Harlan(M)         | 0.47          | 34.31         | 2.11           | 5.08               | -1.04              | 64               | 39               | 52               | -6               |
| Lawrence          | Louisa(M)         | 0.24          | 25.43         | 1.30           | -1.40              | -1.63              | 80               | 32               | 54               | -3               |
| Pike              | Pikeville(M)      | 0.69          | 35.98         | 2.45           | 9.15               | -0.48              | 71               | 44               | 56               | -1               |
| Pulaski           | Somerset(M)       | 0.56          | 26.12         | 0.68           | -3.33              | -2.81              | 77               | 27               | 54               | -4               |
| Rowan             | Morehead(M)       | 0.38          | 26.61         | 0.43           | -3.49              | -2.85              | 77               | 31               | 53               | -3               |

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agricultural Weather Center: (859) 218-4363.

^ : Data Courtesy: (M) - Kentucky Mesonet Station: <http://www.kymesonet.org/>

(AP) - Airport, Federal Aviation Administration Surface Weather Observation Station (ASOS/AWOS)

\* : Deviations based on closest available station with climate normals: [http://weather.uky.edu/climate\\_normals.php](http://weather.uky.edu/climate_normals.php)