



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

KENTUCKY WEEKLY CROP & WEATHER REPORT



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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Released weekly April - November

Issued 4:00 P.M., October 30, 2006

SKB 32-06

AGRICULTURAL NEWS: Heavy rains and cold temperatures continued this week. Temperatures across the State averaged 46 degrees, 8 degrees below normal. Precipitation for the week totaled 1.91 inches statewide, which was 1.25 inches above normal. Harvest activities and winter wheat planting were slowed again this week due to wet weather. **Topsoil moisture** was rated 1 percent short, 46 percent adequate, and 53 percent surplus, as of Friday, October 27. **Subsoil moisture** was rated 4 percent short, 64 percent adequate, and 32 percent surplus. Days suitable for fieldwork averaged 3.2 out of a possible 7 days.

TOBACCO: As of Sunday, October 29, 24 percent of burley tobacco had been stripped, slightly ahead of last year, but behind the average. Stripped tobacco was rated 3 percent poor, 28 percent fair, 52 percent good, and 17 percent excellent. Farmers report above average tobacco quality, but are still concerned about the wet weather received during the growing season affecting weight and high humidity during stripping.

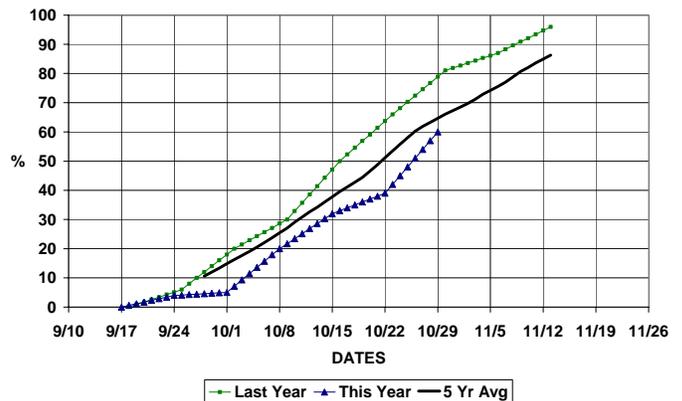
CORN: Harvested acreage was at 90 percent, behind 98 percent for the previous year and 95 percent for the average. Wet fields continued to limit combining.

SOYBEANS: Harvested acreage was at 60 percent, behind 79 percent the previous year and 65 percent

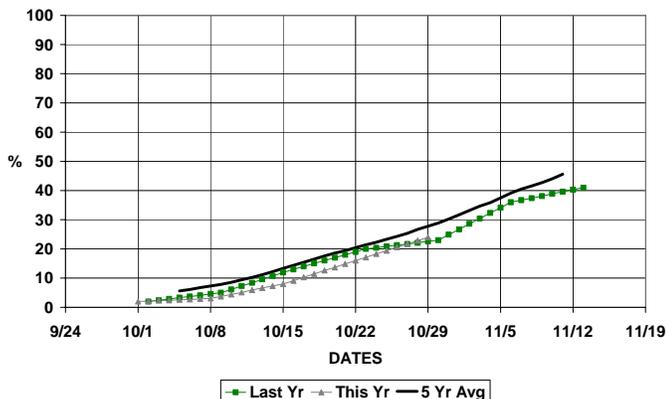
for the average. Harvesting is only about a half a week behind average compared to a week behind a week earlier. Farmers report above average yields for the soybean crop.

OTHER CROPS: Farmers have seeded 70 percent of the winter wheat as of Sunday, October 29. This is behind last year's 79 percent, but ahead of the average of 63 percent. Farmers report good germination where the crop has been planted, but are concerned with ponding in some fields. The crop was rated 3 percent poor, 23 percent fair, 67 percent good, and 7 percent excellent. On Friday, October 27, pastures were rated 4 percent poor, 23 percent fair, 52 percent good, and 21 percent excellent. Pastures are in good shape right now for winter grazing.

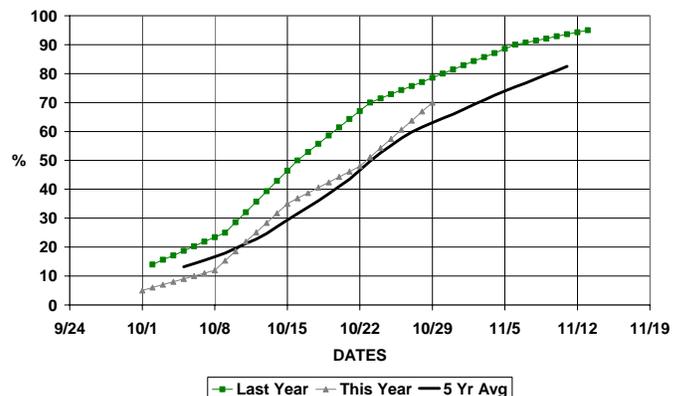
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WINTER WHEAT SEEDING COMPLETED



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 29, 2006
WITH COMPARISONS

| Crop Stage | This Week | Previous Year | 5-Yr. Avg. | Previous Week | |
|-------------------------|-----------|---------------|------------|---------------|------|
| | | | | KY | U.S. |
| Percentage | | | | | |
| Soybeans Harvested | 60 | 79 | 65 | 39 | 76 |
| Corn Harvested | 90 | 98 | 95 | 84 | 53 |
| Burley Tobacco Stripped | 24 | 23 | 28 | 16 | NA |
| Winter Wheat Planted | 70 | 79 | 63 | 48 | 86 |

(NA)Data Not Available.

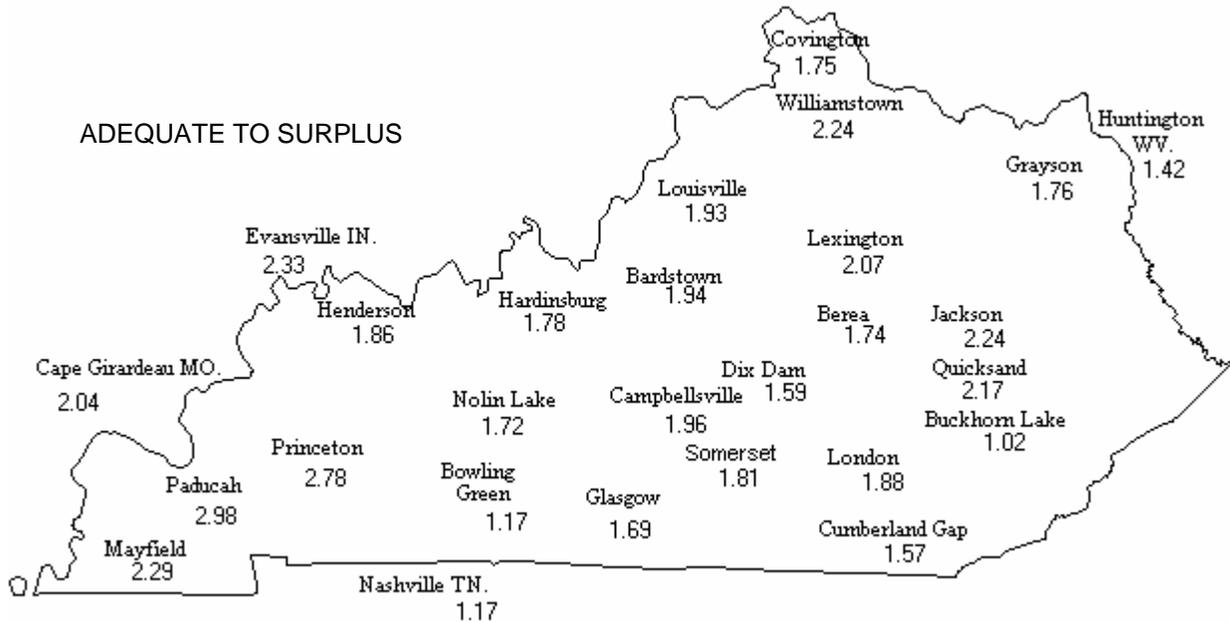
SOIL MOISTURE
WEEK ENDING OCTOBER 27, 2006
WITH COMPARISONS

| | This Week | Previous Week |
|----------------|-----------|---------------|
| | | |
| TOPSOIL | | |
| Very Short | 0 | 0 |
| Short | 1 | 2 |
| Adequate | 46 | 64 |
| Surplus | 53 | 34 |
| SUBSOIL | | |
| Very Short | 0 | 1 |
| Short | 4 | 5 |
| Adequate | 64 | 73 |
| Surplus | 32 | 21 |

KENTUCKY CROP CONDITIONS (Percent)

| CROP | WEEK ENDING OCTOBER 27, 2006 | | | | | WEEK ENDING OCTOBER 20, 2006 | | | | |
|------------------|------------------------------|------|------|------|------------|------------------------------|------|------|------|------------|
| | VERY POOR | POOR | FAIR | GOOD | EXCEL-LENT | VERY POOR | POOR | FAIR | GOOD | EXCEL-LENT |
| Winter Wheat | 0 | 3 | 23 | 67 | 7 | 0 | 2 | 22 | 64 | 12 |
| Pasture | 0 | 4 | 23 | 52 | 21 | 0 | 4 | 22 | 52 | 22 |
| Stripped Tobacco | 0 | 3 | 28 | 52 | 17 | 0 | 3 | 31 | 54 | 12 |

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 29, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 27, 2006



KENTUCKY WEATHER SUMMARY, OCTOBER 23 - 29, 2006:

Below Normal Temperatures and Above Normal Rainfall

Heavy rains and cold temperatures were the trend for last week's weather, which continued a two week trend of such weather. The work week started off cold and dry as Canadian high pressure dominated over the Ohio River Valley. By Thursday, a strong low pressure system began to move northeast from the Texas/Oklahoma Panhandle, which triggered scattered showers and thunderstorms for the Commonwealth. Friday brought widespread rain and localized flooding to areas of the State. The weekend saw rain very early Saturday morning, which was then followed by clearing as high pressure built in. Sunday saw a return of normal temperatures to the State with clear skies.

Temperatures for the period averaged 46 degrees across the State which was 8 degrees below normal and 8 degrees below the previous week's average. High temperatures averaged from 56 in the West to 53 in the East. Departure from normal high temperatures ranged from 12 degrees below normal in the West to 11 degrees below normal in the East. Low temperatures averaged from 39 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 6 degrees below normal in the West to 4 degrees below normal in the East. Extreme temperatures ranged from a maximum in the low 70s to a minimum in the upper 20s.

Precipitation (liq. equ.) for the period totaled 1.91 inches statewide which was 1.25 inches above normal. Precipitation totals by climate division, West 2.38 inches, Central 1.71 inches, Bluegrass 1.83 inches and East 1.73 inches, which was 1.69, 1.05, 1.20 and 1.06 inches respectively above normal. By station, precipitation totals ranged from a low of 0.86 inches at Bristol to a high of 2.98 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 29, 7:00 P.M.

| Weather Station | Rainfall | | | Deviation From | | Air Temperature | | | | Relative Humidity | | | |
|-----------------|-----------|---------------|---------------|----------------------|-----------------|-----------------|-----|-----------|----------------|-------------------|----|------|-----|
| | Last Week | Since April 1 | Last Four Wks | Norm Since Apr. 1 | Norm Last 4 Wks | High | Low | Wkly Avg. | Dev. From Norm | Average | | | |
| | (Inches) | | | (Degrees Fahrenheit) | | | | | | | | High | Low |
| Bardstown | 1.94 | 31.32 | 5.29 | +4.78 | +2.97 | 66 | 28 | 45.9 | -8 | 92 | 46 | | |
| Berea | 1.74 | 30.05 | 4.11 | +2.00 | +1.58 | 64 | 30 | 46.1 | -7 | 86 | 47 | | |
| Bowling Green | 1.17 | 30.38 | 3.53 | +2.15 | +0.80 | 71 | 29 | 48.7 | -5 | -- | -- | | |
| Bristol | 0.86 | 27.16 | 2.82 | +3.25 | +0.48 | 65 | 24 | 44.6 | -8 | -- | -- | | |
| Buckhorn Lake | 1.02 | 26.84 | 3.91 | +0.04 | +1.36 | 66 | 30 | 46.1 | -7 | -- | -- | | |
| Cape Girardeau | 2.04 | 31.99 | 5.49 | +5.49 | +2.78 | 70 | 24 | 48.6 | -8 | -- | -- | | |
| Campbellsville | 1.96 | 28.70 | 4.47 | -2.92 | +1.62 | 65 | 27 | 45.9 | -8 | 93 | 51 | | |
| Covington | 1.75 | 27.85 | 4.20 | +2.83 | +1.62 | 61 | 27 | 44.4 | -8 | -- | -- | | |
| Cumberland Gap | 1.57 | 24.76 | 3.25 | -4.16 | +0.27 | 66 | 30 | 46.1 | -7 | 93 | 50 | | |
| Dix Dam | 1.59 | 29.78 | 4.32 | +2.20 | +1.74 | 64 | 28 | 45.4 | -7 | -- | -- | | |
| Evansville | 2.33 | 38.90 | 5.19 | +13.84 | +2.60 | 66 | 30 | 46.0 | -10 | -- | -- | | |
| Glasgow | 1.69 | 33.50 | 4.38 | +3.24 | +1.66 | 72 | 27 | 47.4 | -7 | 98 | 57 | | |
| Grayson | 1.76 | 34.78 | 5.29 | +8.89 | +2.59 | 63 | 29 | 44.5 | -8 | 93 | 50 | | |
| Hardinsburg | 1.78 | 37.44 | 5.08 | +9.42 | +2.33 | 69 | 29 | 46.9 | -7 | 95 | 57 | | |
| Henderson | 1.86 | 34.29 | 5.07 | +8.37 | +2.56 | 69 | 28 | 47.1 | -9 | 93 | 50 | | |
| Huntington | 1.42 | 36.53 | 6.11 | +10.53 | +3.44 | 62 | 28 | 44.4 | -8 | -- | -- | | |
| Jackson | 2.24 | 30.63 | 5.49 | +2.73 | +2.86 | 65 | 28 | 45.0 | -8 | -- | -- | | |
| Lexington | 2.07 | 35.99 | 6.19 | +9.45 | +3.87 | 63 | 27 | 44.6 | -8 | -- | -- | | |
| London | 1.88 | 30.58 | 3.52 | +4.65 | +1.03 | 67 | 27 | 46.9 | -6 | -- | -- | | |
| Louisville | 1.93 | 41.62 | 5.04 | +15.56 | +2.59 | 67 | 30 | 45.6 | -9 | -- | -- | | |
| Mayfield | 2.29 | 40.94 | 4.16 | +11.84 | +0.90 | 66 | 30 | 46.1 | -10 | 94 | 50 | | |
| Nashville | 1.17 | 26.36 | 2.94 | +0.25 | +0.57 | 76 | 34 | 51.6 | -3 | -- | -- | | |
| Nolin Lake | 1.72 | 34.53 | 4.73 | +4.61 | +1.87 | 71 | 28 | 47.7 | -6 | -- | -- | | |
| Paducah | 2.98 | 42.30 | 5.27 | +14.27 | +2.56 | 71 | 27 | 48.5 | -8 | 90 | 49 | | |
| Princeton | 2.78 | 33.35 | 4.35 | +5.26 | +1.60 | 71 | 28 | 49.4 | -7 | 95 | 49 | | |
| Quicksand | 2.17 | 28.13 | 5.42 | +0.23 | +2.79 | 66 | 30 | 46.1 | -7 | 94 | 50 | | |
| Somerset | 1.81 | 31.47 | 4.17 | +1.94 | +1.22 | 61 | 26 | 44.0 | -9 | 93 | 50 | | |
| Spindletop | 1.57 | 30.59 | 4.61 | +4.05 | +2.29 | 62 | 29 | 44.9 | -8 | 96 | 54 | | |
| Williamstown | 2.24 | 36.39 | 5.66 | +9.81 | +2.96 | 62 | 27 | 44.5 | -8 | 93 | 50 | | |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 22, 2006

Corn Percent Harvested

| Stat | Oct 22 2006 | Prev Week | Prev Year | 5-Yr Avg |
|--|----------------|--------------|--------------|-------------|
| CO | 30 | 22 | 31 | 45 |
| IL | 73 | 63 | 87 | 76 |
| IN | 37 | 28 | 60 | 53 |
| IA | 48 | 31 | 57 | 49 |
| KS | 82 | 81 | 84 | 86 |
| KY | 84 | 82 | 92 | 90 |
| MI | 23 | 14 | 53 | 35 |
| MN | 52 | 28 | 45 | 45 |
| MO | 89 | 88 | 87 | 85 |
| NE | 38 | 26 | 58 | 49 |
| NC | 95 | 92 | 96 | 94 |
| ND | 53 | 31 | 27 | 39 |
| OH | 18 | 14 | 40 | 36 |
| PA | 50 | 44 | 66 | 55 |
| SD | 36 | 23 | 49 | 41 |
| TN | 97 | 96 | 97 | 97 |
| TX | 97 | 94 | 93 | 94 |
| WI | 26 | 18 | 43 | 31 |
| ALL | 53 | 41 | 63 | 57 |
| These 18 States harvested 95% of last year's corn acreage. | | | | |

Soybeans Percent Harvested

| State | Oct 22 2006 | Prev Week | Prev Year | 5-Yr Avg. |
|---|----------------|--------------|--------------|--------------|
| AR | 76 | 66 | 73 | 58 |
| IL | 82 | 75 | 92 | 83 |
| IN | 58 | 49 | 85 | 77 |
| IA | 91 | 87 | 96 | 91 |
| KS | 64 | 50 | 70 | 66 |
| KY | 39 | 32 | 64 | 51 |
| LA | 95 | 91 | 97 | 80 |
| MI | 45 | 33 | 90 | 70 |
| MN | 98 | 95 | 94 | 89 |
| MS | 99 | 98 | 97 | 87 |
| MO | 64 | 56 | 65 | 57 |
| NE | 82 | 73 | 94 | 87 |
| NC | 11 | 8 | 14 | 14 |
| ND | 95 | 92 | 95 | 91 |
| OH | 53 | 42 | 77 | 74 |
| SD | 93 | 77 | 93 | 88 |
| TN | 60 | 55 | 71 | 45 |
| WI | 65 | 52 | 80 | 67 |
| ALL | 76 | 69 | 85 | 78 |
| These 18 States harvested 96% of last year's soybean acreage. | | | | |

Winter Wheat Percent Planted

| State | Oct 22 2006 | Prev Week | Prev Year | 5-Yr Avg. |
|--|----------------|--------------|--------------|--------------|
| AR | 54 | 40 | 53 | 32 |
| CA | 7 | 6 | 13 | 15 |
| CO | 100 | 97 | 99 | 100 |
| ID | 95 | 84 | 91 | 93 |
| IL | 81 | 73 | 89 | 74 |
| IN | 70 | 54 | 83 | 73 |
| KS | 93 | 85 | 90 | 90 |
| MI | 61 | 55 | 95 | 88 |
| MO | 61 | 48 | 65 | 55 |
| MT | 93 | 92 | 97 | 98 |
| NE | 99 | 95 | 98 | 99 |
| NC | 20 | 15 | 18 | 23 |
| OH | 57 | 42 | 83 | 82 |
| OK | 85 | 76 | 89 | 89 |
| OR | 90 | 81 | 54 | 66 |
| SD | 100 | 97 | 99 | 98 |
| TX | 78 | 73 | 75 | 80 |
| WA | 96 | 92 | 94 | 97 |
| ALL | 86 | 79 | 86 | 87 |
| These 18 States harvested 92% of last year's winter wheat acreage. | | | | |

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.