



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., August 17, 2009

20-09

AGRICULTURAL NEWS: Finally, we were back to a more traditional summerlike weather pattern last week with the return of heat and humidity. Drier conditions allowed Kentucky farmers to spend a couple of more days in the field last week with 5.2 days suitable for fieldwork. Farm activities last week included topping, cutting or preparing to cut tobacco, spraying, harvesting hay and other general farm work. **Topsoil moisture** was rated as 5 percent short, 77 percent adequate, and 18 percent surplus. **Subsoil moisture** was rated 6 percent short, 78 percent adequate, and 16 percent surplus.

TOBACCO: Tobacco condition is mostly good to excellent with 1 percent rated very poor, 3 percent poor, 12 percent fair, 55 percent good, and 29 percent excellent. Blue mold and black shank was reported, but was not a serious concern. As of Sunday, August 16, 66 percent of the burley had been topped, ahead of last year's 61 percent, but just behind 68 percent for the five year average. Harvest has begun in early planted fields with 12 percent of burley tobacco cut, compared to 10 percent cut last year and 17 percent for the average. Ninety-seven percent of the dark tobacco was blooming, compared to 90 percent last year and the average of 82 percent. Eighty-one percent of the dark tobacco has been topped, compared to 75 percent last year and the average of 81 percent.

CORN: Producers generally feel optimistic about the crop at this time and are expecting very good yields. Corn condition was rated 1 percent poor, 9 percent fair, 48 percent good, and 42 percent excellent. Most corn has moved through the silking phase with 98 percent of the corn silked or was silking as of Sunday, August 16, which was slightly behind both last year and the average of 100 percent. Eighty percent of the corn was in the milk stage or beyond, compared to 92 percent a year ago and the five year average of 93 percent. Just over half of the crop was in the dough stage or beyond at 53 percent, behind last year's 69 percent and the five year average of 75 percent. About a third of the corn acreage was in the dent stage at 30 percent, compared to 38 percent for the previous year and the five year average of 50 percent.

SOYBEANS: Soybean condition was rated 3 percent poor, 14 percent fair, 42 percent good, and 41 percent excellent. As of Sunday, August 16, 85

percent of soybeans were blooming, compared to 84 percent for both last year and the five year average. Sixty-three percent of the soybeans were setting pods, slightly ahead of last year's 61 percent, but just behind the five year average of 65 percent.

OTHER CROPS AND PASTURE: Drier weather was favorable for hay harvest last week. Hay remains in mostly good to excellent condition with 2 percent very poor, 2 percent poor, 17 percent fair, 56 percent good, and 23 percent excellent. Pasture condition was also rated mostly good to excellent with 1 percent very poor, 3 percent poor, 15 percent fair and 55 percent good and 26 percent excellent.

CROP PROGRESS for week ending 08/16/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	98	96	100	100
Corn Milked	80	69	92	93
Corn Dough	53	38	69	75
Corn Dent	30	20	38	50
Soybeans Blooming	85	78	84	84
Soybeans Setting Pods	63	48	61	65
Burley Tobacco Topped	66	50	61	68
Burley Tobacco Cut	12	NA	10	17
Dark Tobacco Blooming	97	88	90	82
Dark Tobacco Topped	81	69	75	81

SOIL MOISTURE for week ending 08/16/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	5	77	18
Subsoil	0	6	78	16

CROP CONDITIONS for week ending 08/16/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	1	9	48	42
Soybeans	0	3	14	42	41
Pasture	1	3	15	55	26
Hay Crops	2	2	17	56	23
Tobacco	1	3	12	55	29

KENTUCKY WEATHER SUMMARY, AUGUST 10 - 16, 2009:

Above normal temperatures and below normal rainfall:

Summer conditions returned to the Commonwealth as above normal temperatures were reported for the 1st time in 7 weeks. The majority of the Bluegrass State also experienced a relatively dry week as below normal rainfall fell for the 1st time in 5 weeks; however, southeastern portions of the state continued to receive ample rainfall.

Temperatures for the period averaged 77 degrees across the state which was 2 degrees above normal. High temperatures averaged from 87 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 1 degree above normal in the East. Low temperatures averaged from 67 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 0.58 inches statewide which was 0.23 inches below normal. Rainfall totals by climate division, West 0.23 inches, Central 0.19 inches, Bluegrass 0.59 inches and East 1.12 inches, which was respectively 0.48 inches below normal, 0.57 inches below normal, 0.21 inches below normal and 0.19 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at Buckhorn Lake to a high of 1.11 inches at Williamstown.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 16, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.30	27.14	4.02	+8.10	+0.06	91	64	77.3	+3	181	2551	+14
Berea	0.01	17.75	3.15	-1.75	-0.62	87	58	74.6	+1	170	2413	-202
Bowling Green	0.37	28.49	5.28	+8.51	+1.63	92	63	79.2	+5	192	2806	+161
Bristol	0.41	18.84	4.93	+2.14	+1.62	89	61	75.4	+2	171	2454	+39
Buckhorn Lake	0.00	18.24	5.10	-0.49	+1.34	86	59	73.9	+0	165	2362	+70
Cape Girardeau	0.02	15.19	1.69	-3.24	-1.48	92	57	77.0	+1	177	2777	-7
Campbellsville	0.00	21.70	4.49	-0.12	+0.05	88	61	75.6	+1	175	2478	-107
Covington	0.56	22.71	5.42	+4.87	+2.05	89	62	75.8	+2	176	2392	+6
Cumberland Gap	0.01	20.71	4.46	+0.06	+0.19	89	63	76.4	+3	177	2488	+103
Dix Dam	0.00	18.51	3.38	-1.09	-0.55	88	60	76.0	+2	178	2419	-134
Evansville	0.39	21.88	3.15	+3.97	-0.02	93	63	78.5	+2	185	2700	+54
Glasgow	0.00	25.37	3.61	+3.77	-0.53	93	61	78.7	+4	186	2740	+185
Grayson	0.00	19.19	4.19	+0.66	+0.37	88	59	74.9	+1	170	2310	+63
Hardinsburg	0.80	27.34	6.03	+7.65	+2.23	91	60	76.7	+2	179	2542	-103
Henderson	0.01	18.78	2.78	+0.45	-0.44	89	61	76.1	-0	177	2565	-111
Huntington	0.54	24.06	5.96	+5.54	+2.02	89	63	76.5	+3	178	2423	+7
Jackson	0.16	29.20	7.55	+9.48	+3.45	88	63	76.2	+2	179	2446	+154
Lexington	0.18	25.52	8.53	+6.48	+4.57	91	61	77.0	+3	182	2493	+77
London	0.01	26.00	5.28	+7.73	+1.73	89	63	77.0	+3	182	2539	+154
Louisville	0.79	29.67	10.08	+11.02	+6.51	91	68	79.1	+4	194	2690	+28
Mayfield	0.00	16.48	4.60	-3.42	+0.89	90	58	76.6	+0	178	2640	-66
Nashville	0.05	24.09	3.18	+5.51	-0.14	94	65	80.8	+6	196	2906	+76
Nolin Lake	0.10	25.89	5.83	+4.97	+1.94	89	62	76.6	+2	180	2540	+94
Paducah	0.00	24.88	7.63	+4.97	+4.28	91	59	77.4	+1	182	2862	+109
Princeton	0.00	28.41	5.18	+8.44	+1.45	90	60	77.4	+1	184	2735	+13
Quicksand	0.11	22.44	4.89	+2.72	+0.79	89	63	76.2	+2	176	2447	+155
Somerset	0.00	20.21	3.53	-0.36	-0.39	88	60	75.6	+2	174	2439	-37
Spindletop	0.24	23.76	7.53	+4.72	+3.57	89	60	76.1	+2	178	2442	+26
Williamstown	1.11	27.24	7.92	+8.45	+4.24	87	61	74.6	+1	169	2330	-86

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.wagwx.ca.uky.edu/>