



**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

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

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Unseasonably warm temperatures arrived over the weekend pushing average temperatures from 6 to 11 degrees above normal. Rainfall amounts were below normal and ranged from none to 4.3 inches with an average of .72 inches statewide. Some river bottoms have experienced flooding. Heavy rains over the weekend north of the Ohio River may cause additional crop loss as water levels rise. Days suitable for fieldwork averaged 5.4 out of a possible seven. High temperatures at the end of the week stressed young corn and tobacco plants. **Topsoil moisture** was rated 1 percent very short, 19 percent short, 70 percent adequate and 10 percent surplus. **Subsoil moisture** was rated 2 percent very short, 11 percent short, 78 percent adequate and 9 percent surplus. Major farm activities included putting up hay, planting soybeans, and setting tobacco.

CORN: Corn planting reached 98 percent complete by Sunday, June 8. This is equal to the five year average and slightly behind last year. About 93 percent of the planted acreage had emerged, compared with 98 percent a year ago and the average of 95 percent. Emerged corn was in fair to excellent condition, with 5 percent rated poor, 18 percent fair, 61 percent good and 16 percent excellent. Height of the most advanced fields averaged 25 inches statewide, while average height of emerged corn was 15 inches. Some reports of armyworm infestations have been received.

SOYBEANS: Planting made good progress during the week but remains behind last year and average. Fifty-eight percent was seeded by Sunday June 8, compared with 85 percent last year and the five year average of 69 percent. Thirty-six percent of planted acreage had emerged, compared with last year's 73 percent and the average of 55. Condition of emerged soybeans was rated 3 percent poor, 27 percent fair, 59 percent good, and 11 percent excellent.

TOBACCO: High temperatures have stressed transplants and have slowed plant growth. Transplanting progressed well with 69 percent of the intended **burley** acreage set as of Sunday June 8, compared with 84 percent a year ago and the average of 74 percent. **Dark tobacco** acreage was 60 percent set, compared with 81 percent last year and the average of 76. Condition of set tobacco was reported as 1 percent very poor, 2 percent poor, 30 percent fair, 55 percent good, and 12 percent excellent. About 90 percent of tobacco plants were less than 12 inches high with 10 percent 12-24 inches in height.

SMALL GRAINS: Barley harvest was 33 percent complete at the end of the week, slightly behind last year's 44 percent and the average of 49. Most producers expect

a good quality crop. **Wheat** harvest is expected to begin the week of June 15, although continued warm weather may move up the harvesting date. Some reported wheat was turning color. Head scab and blight may affect yield and test weight and armyworms were a problem in a few areas. Most expectations are for excellent yields on wheat. Condition was reported as 1 percent very poor, 2 percent poor, 20 percent fair, 53 percent good and 24 percent excellent.

OTHER CROPS: Rain in northeast areas made hay harvest difficult but conditions improved toward the end of the week for making hay. **Pastures** were in mostly fair to good condition and were rated 2 percent very poor, 7 percent poor, 28 percent fair, 50 percent good and 13 percent excellent. **Grain sorghum** planting advanced to 50 percent complete, well behind last year and the average.

CROP PROGRESS for week ending 06/08/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
				Percent
Corn Planted	98	95	99	98
Corn Emerged	93	84	98	95
Soybeans Planted	58	38	85	69
Soybeans Emerged	36	18	73	55
Sorghum Planted	50	30	82	74
Barley Harvested	33	0	44	49
Wheat Harvested	0	0	9	7
Burley Tobacco Set	69	48	84	74
Dark Tobacco Set	60	42	81	76

SOIL MOISTURE for week ending 06/08/08

	Very Short	Short	Adequate	Surplus
				Percent
Topsoil	1	19	70	10
Subsoil	2	11	78	9

CROP CONDITIONS for week ending 06/08/08

Crop	Very Poor	Poor	Fair	Good	Ex
					Percent
Corn	0	5	18	61	16
Soybeans	0	3	27	59	11
Wheat	1	2	20	53	24
Pasture	2	7	28	50	13
Tobacco Set	1	2	30	55	12

KENTUCKY WEATHER SUMMARY, JUNE 2 - 8, 2008:

Above normal temperatures and below normal rainfall:

A strong yet short-lived weather system early in the period accounted for the only rainfall last week in the Bluegrass State. For the majority of the week, strong high pressure set up over the southeastern United States and controlled weather in the Commonwealth. Unseasonably warm weather was the result as above normal temperatures were reported for the first time in six weeks. Warm temperatures, abundant sunshine, and minimal rainfall led to a rapid progression of field activities.

Temperatures for the period averaged 77 degrees across the state which was 7 degrees above normal. High temperatures averaged from 89 in the West to 87 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 6 degrees above normal in the East. Low temperatures averaged from 72 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 11 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the period totaled 0.72 inches statewide which was 0.38 inches below normal. Rainfall totals by climate division, West 0.16 inches, Central 0.25 inches, Bluegrass 1.50 inches and East 0.98 inches, which was respectively 0.88 inches below normal, 0.93 inches below normal, 0.38 inches above normal and 0.10 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bowling Green to a high of 4.30 inches at Williamstown.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 8, 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	0.10	11.26	1.45	+1.93	-2.41	92	60	77.6	+6	181	906	-35
Berea	0.67	11.25	3.28	+1.13	-0.88	92	59	77.6	+7	182	920	-52
Bowling Green	0.00	11.14	2.18	+0.77	-2.12	95	63	81.6	+10	201	1012	+32
Bristol	0.09	4.43	1.06	-3.71	-2.40	95	55	75.6	+5	160	920	+48
Buckhorn Lake	0.61	7.46	2.17	-1.51	-1.59	92	60	78.0	+7	183	902	+46
Cape Girardeau	0.00	14.17	3.50	+3.62	-0.77	93	64	81.9	+8	206	951	-68
Campbellsville	0.03	10.05	1.66	-0.99	-2.80	92	60	77.8	+6	182	940	-24
Covington	3.57	12.64	7.48	+3.59	+3.69	90	57	75.7	+5	172	804	-30
Cumberland Gap	0.06	7.20	1.27	-2.83	-2.97	94	60	78.2	+7	181	911	+47
Dix Dam	0.00	8.46	1.48	-1.48	-2.56	91	60	77.1	+6	180	866	-75
Evansville	0.26	14.50	5.53	+4.80	+1.53	93	64	81.4	+8	205	911	-39
Glasgow	0.00	12.66	2.37	+1.82	-2.12	95	62	80.1	+8	192	1045	+133
Grayson	1.30	11.53	3.24	+2.62	-0.53	92	57	75.5	+5	167	850	+55
Hardinsburg	0.00	13.68	3.55	+3.49	-0.60	90	60	79.9	+8	200	942	-38
Henderson	0.18	12.98	4.23	+3.16	+0.28	91	61	80.2	+7	200	924	-56
Huntington	2.63	11.84	5.06	+2.99	+1.32	92	56	74.8	+4	163	863	-1
Jackson	0.61	8.40	3.09	-1.20	-0.82	91	57	76.4	+6	176	898	+42
Lexington	1.01	11.28	2.37	+1.95	-1.49	91	60	77.7	+7	185	839	-3
London	0.48	8.59	2.80	-0.56	-0.91	94	58	78.0	+7	180	945	+81
Louisville	0.77	13.37	3.29	+3.60	-0.61	94	67	82.9	+11	211	974	+24
Mayfield	0.00	7.79	1.84	-3.17	-2.29	91	60	78.3	+5	186	902	-139
Nashville	0.00	13.37	3.57	+3.17	-0.53	94	64	81.0	+9	198	1069	+20
Nolin Lake	0.03	14.74	3.98	+3.68	-0.60	92	62	80.5	+9	198	980	+55
Paducah	0.00	13.54	4.33	+2.51	+0.06	93	64	82.1	+8	208	1009	-10
Princeton	0.00	12.81	2.38	+2.02	-1.85	94	62	80.7	+7	198	1037	+27
Quicksand	0.61	7.84	2.55	-1.76	-1.36	91	60	77.8	+7	185	904	+48
Somerset	0.31	10.59	2.65	+0.04	-1.75	92	58	75.1	+4	169	853	-80
Spindletop	0.55	11.36	2.27	+2.03	-1.59	92	60	78.8	+8	190	841	-1
Williamstown	4.30	15.27	8.26	+5.70	+4.41	90	58	76.5	+6	177	810	-32

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/>