



**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., September 8, 2008

24-08

AGRICULTURAL NEWS: Remnants of Gustav helped to bring above normal rainfall to western portions of the State. Eastern portions of the Commonwealth saw below normal rainfall. Temperatures continued to be very warm with above normal temperatures being reported. **Topsoil moisture** was rated as 43 percent very short, 37 percent short and 20 percent adequate. **Subsoil moisture** was rated 35 percent very short, 43 percent short and 22 percent adequate. There were 6.0 days suitable for fieldwork. Main farm activities for the week were cutting tobacco, cutting hay, and other general farm work.

CORN: Five percent of corn was harvested. Last year it was 32 percent and 17 percent for the average. At 61 percent, maturity levels are still behind the 82 percent a year ago and the average of 68 percent. Eighty-five percent had reached the dent stage, behind last year's 97 percent and 92 percent for the average. Ninety-nine percent had reached the dough stage or beyond. The crop was rated 1 percent very poor, 6 percent poor, 28 percent fair, 40 percent good, and 25 percent excellent.

SOYBEANS: Farmers are reporting that soybean yields may be reduced because of the dry conditions. Soybean condition was rated 3 percent very poor, 14 percent poor, 31 percent fair, 37 percent good, and 15 percent excellent. Seven percent of soybeans have dropped leaves, compared to 17 percent last year and the five year average of 11 percent. About 21 percent of soybean leaves had turned yellow. Last year it was 35 percent and 27 percent for the average. About 92 percent of soybeans have set pods. It was 98 percent in 2007, with the average at 95 percent.

TOBACCO: Fifty-seven percent of burley tobacco and 61 percent of the dark tobacco had been cut as

of Sunday, September 7. The five year average was 59 percent for burley tobacco and 52 percent for dark tobacco. Crop condition was rated 4 percent very poor, 10 percent poor, 24 percent fair, 44 percent good, and 18 percent excellent.

OTHER CROPS AND PASTURE: Conditions continue to decline due to dry weather. Pastures were rated 21 percent very poor, 29 percent poor, 33 percent fair, 16 percent good, and 1 percent excellent. Hay crops were rated 16 percent very poor, 27 percent poor, 37 percent fair, 19 percent good, and 1 percent excellent.

CROP PROGRESS for week ending 09/07/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	85	78	97	92
Corn Mature	61	29	82	68
Corn Harvested	5	NA	32	17
Soybeans Setting Pods	92	88	98	95
Soybeans Turning Yellow	21	9	35	27
Soybeans Dropping Leaves	7	3	17	11
Burley Tobacco Cut	57	45	61	59
Dark Tobacco Cut	61	48	64	52

SOIL MOISTURE for week ending 09/07/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	43	37	20	0
Subsoil	35	43	22	0

CROP CONDITIONS for week ending 09/07/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	6	28	40	25
Soybeans	3	14	31	37	15
Pasture	21	29	33	16	1
Hay Crops	16	27	37	19	1
Tobacco	4	10	24	44	18

KENTUCKY WEATHER SUMMARY, SEPTEMBER 1 - 7, 2008:

Above normal temperatures and below normal rainfall:

While the remnants of Gustav helped to bring above normal rainfall to western portions of the state for the first time in 5 weeks, eastern portions of the Commonwealth saw below normal rainfall values for the 4th time in 5 weeks as a cold front caused a few showers late in the period. Temperatures continued to be very warm with above normal values being reported for the 2nd time in 3 weeks.

Temperatures for the period averaged 76 degrees across the state which was 3 degrees above normal. High temperatures averaged from 85 in the West to 88 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 66 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the period totaled 0.44 inches statewide which was 0.13 inches below normal. Rainfall totals by climate division, West 0.57 inches, Central 0.88 inches, Bluegrass 0.35 inches and East 0.10 inches, which was respectively 0.01 inches above normal, 0.23 inches above normal, 0.17 inches below normal and 0.48 inches below normal. By station, precipitation totals ranged from a low of 0.01 inches at London to a high of 1.39 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 7, 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	0.21	18.35	0.43	-3.34	-2.98	96	56	77.4	+7	177	3078	+70
Berea	0.12	18.99	0.61	-3.37	-3.03	92	62	76.9	+7	180	3097	-11
Bowling Green	1.39	19.64	2.00	-2.91	-1.25	95	60	77.3	+7	178	3343	+205
Bristol	0.15	13.83	2.18	-5.16	-0.73	93	57	74.8	+5	161	2978	+92
Buckhorn Lake	0.04	15.74	1.29	-5.61	-2.04	93	59	77.4	+8	176	3075	+349
Cape Girardeau	0.39	23.13	3.90	+2.18	+0.70	92	55	73.9	+2	162	3218	-74
Campbellsville	0.20	16.72	0.62	-8.39	-3.56	95	57	76.8	+6	174	3134	+56
Covington	0.19	19.41	0.77	-0.72	-2.17	95	58	76.5	+7	168	2911	+61
Cumberland Gap	0.26	15.72	1.75	-7.75	-1.90	93	60	76.3	+7	171	3094	+238
Dix Dam	0.27	17.43	0.51	-4.86	-2.93	94	60	76.8	+7	175	3038	-8
Evansville	0.48	22.72	0.91	+2.62	-1.89	93	56	75.4	+3	166	3178	+39
Glasgow	0.28	21.67	0.76	-2.79	-2.88	96	57	77.2	+7	174	3282	+234
Grayson	0.11	18.78	1.52	-2.20	-1.66	91	58	76.5	+7	174	2942	+246
Hardinsburg	0.80	27.63	1.25	+5.26	-2.16	97	57	75.6	+5	165	3167	+22
Henderson	0.54	21.85	0.92	+1.18	-2.03	93	57	75.1	+3	164	3170	+1
Huntington	0.05	18.93	1.76	-2.15	-1.56	92	58	76.5	+7	171	2935	+55
Jackson	0.04	18.51	1.11	-3.97	-2.43	92	59	77.2	+8	177	2987	+261
Lexington	0.46	19.86	2.25	-1.83	-1.16	93	59	76.6	+7	174	2994	+107
London	0.01	17.43	1.82	-3.25	-1.23	91	59	76.3	+7	173	3098	+249
Louisville	0.77	20.95	1.20	-0.15	-1.94	97	63	78.3	+8	183	3406	+236
Mayfield	0.25	12.14	0.76	-10.54	-2.76	93	58	76.4	+4	172	3102	-104
Nashville	0.84	21.70	2.50	+0.65	-0.64	93	60	76.6	+6	175	3463	+96
Nolin Lake	0.80	22.88	1.12	-0.83	-2.40	95	58	76.9	+6	173	3258	+341
Paducah	0.16	24.32	0.99	+1.93	-2.13	94	58	75.6	+3	170	3331	+70
Princeton	0.33	20.13	1.02	-2.56	-2.47	97	58	78.1	+6	180	3339	+102
Quicksand	0.04	16.80	1.12	-5.68	-2.42	93	59	77.7	+8	177	3076	+350
Somerset	0.02	22.68	1.68	-0.72	-1.91	93	58	75.3	+6	167	2972	+25
Spindletop	0.44	17.96	1.13	-3.73	-2.28	96	59	77.2	+8	173	2983	+96
Williamstown	0.29	24.04	0.85	+2.71	-2.42	93	58	76.1	+7	169	2935	+48

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/>