



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

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# 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 24, 2007

SKB 27-07

**AGRICULTURAL NEWS:** As of Sunday, September 23, **topsoil moisture** was rated 69 percent very short, 26 percent short, and 5 percent adequate. **Subsoil moisture** was rated 70 percent very short, 23 percent short, and 7 percent adequate. Above normal temperatures and below normal rainfall continued to dominate the State last week. Seven of the past eight weeks have had above normal temperatures and below normal rainfall. Temperatures for the week averaged 73 degrees, 6 degrees above normal and 5 degrees warmer than the previous week. Rainfall totaled 0.0 inches, which was 0.81 inches below normal. Main farm activities were shelling corn, cutting and housing tobacco, and beginning the soybean harvest. Fieldwork was possible for 6.6 days out of a total 7 days.

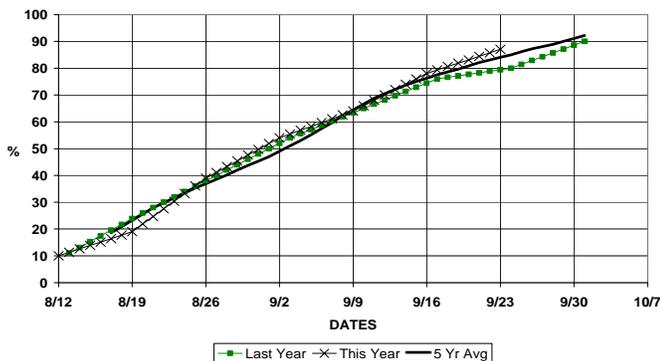
**TOBACCO:** Farmers continue to report housed tobacco drying fast instead of curing. Condition of the housed tobacco was rated 1 percent very poor, 8 percent poor, 31 percent fair, 50 percent good, and 10 percent excellent. Eighty-seven percent of the burley was cut, ahead of last year's 79 percent and the five year average of 84 percent. Nearly all of the dark tobacco has been cut with 94 percent complete. Last year at this time, only 66 percent of the dark tobacco had been cut. The five year average is 80 percent.

**CORN:** Nearly all of the corn was mature at 98 percent compared to 87 percent for last year and the five year average of 91 percent. As of September 23, 68 percent of the corn for grain had been harvested. Only 38 percent was harvested last year, with 46 percent for the five year average. Yields look good in some places, while ranging from good to poor in other areas.

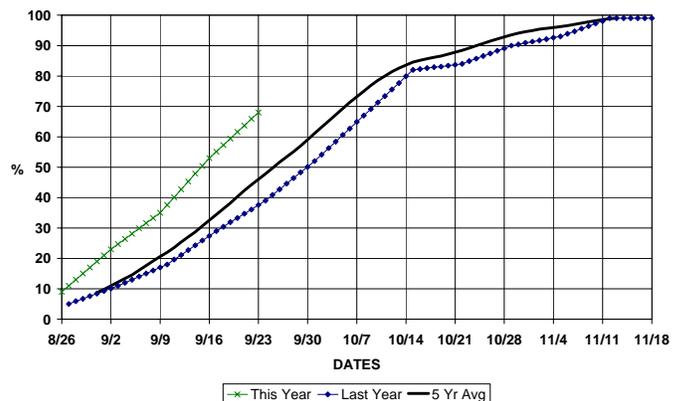
**SOYBEANS:** The soybean crop continues to decline as harvest begins. Soybean condition was rated 19 percent very poor, 23 percent poor, 36 percent fair, 18 percent good, and 4 percent excellent. Acreage that had dropped leaves was 71 percent, compared to 43 percent last year and the average of 51 percent. Soybeans mature was 43 percent, ahead of both last year's 17 percent and the five year average of 34 percent. Twelve percent of the soybean acreage had been harvested as of September 23, also ahead of last year's 3 percent and the average of 4 percent.

**OTHER CROPS:** Pasture condition declined from last week with 78 percent of Kentucky's pastures in poor to very poor condition. Eighteen percent of the pasture was in fair condition and with 4 percent in good condition. Farmers report cutting and baling corn stalks for livestock forage as there is very little hay available.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 23, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	71	43	51	50	55
Mature	43	17	34	0	NA
Harvested	12	3	4	0	4
Corn					
Mature	98	87	91	93	64
Harvested	68	38	46	53	14
Burley Tobacco					
Cut	87	79	84	78	NA
Dark Tobacco					
Cut	94	66	80	81	NA

(NA)Data Not Available.

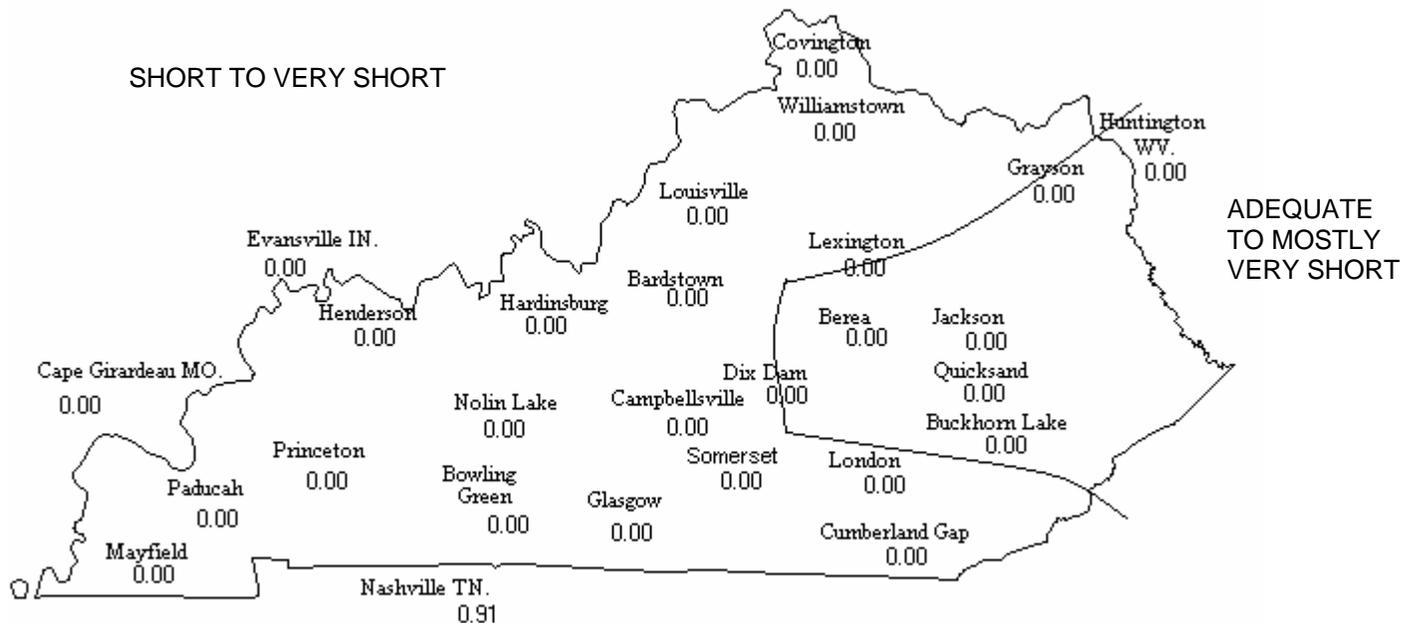
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 23, 2007

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	69	55
Short	26	32
Adequate	5	13
Surplus	0	0
<b>SUBSOIL</b>		
Very Short	70	66
Short	23	24
Adequate	7	10
Surplus	0	0

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 23, 2007					WEEK ENDING SEPTEMBER 16, 2007				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	19	23	36	18	4	19	19	39	20	3
Pasture	51	27	18	4	-	39	33	23	4	1
Housed Tobacco	1	8	31	50	10	NA	NA	NA	NA	NA

**PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION**  
WEEK ENDING SEPTEMBER 23, 2007



# KENTUCKY WEATHER SUMMARY, SEPTEMBER 17 - 23, 2007:

Above normal temperatures and below normal rainfall.

High pressure dominated the Bluegrass state last week. Due to the strong ridging, it was hot and dry for the final week of summer 2007. Kentucky has experienced seven of the past eight weeks with above normal temperatures and below normal rainfall. High temperature records dating back to 1891 were broken by as much as three degrees on September 23. As a result, the already moisture-starved Commonwealth sunk deeper into drought to usher in the autumn season.

Temperatures for the period averaged 73 degrees across the state which was 6 degrees above normal and 5 degrees warmer than the previous week. High temperatures averaged from 89 in the West to 87 in the East. Departure from normal high temperatures ranged from 9 degrees above normal in the West to 10 degrees above normal in the East. Low temperatures averaged from 58 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to 2 degrees above normal in the East.

Rainfall for the period totaled 0.00 inches statewide which was 0.81 inches below normal. Rainfall totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.82, 0.85, 0.77 and 0.78 inches respectively below normal. No rainfall was reported by any stations last week.

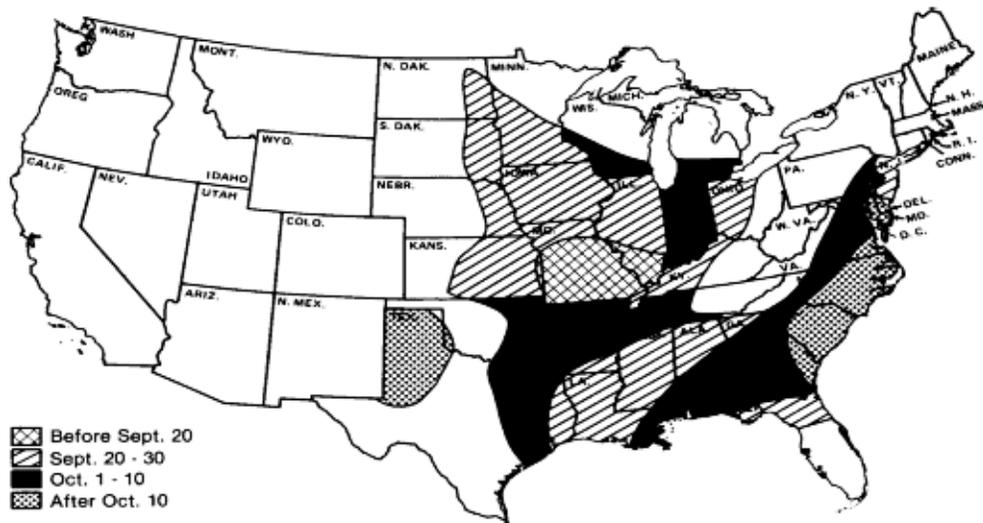
Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 23, 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	0.00	18.85	1.72	-4.54	-1.37	92	50	72.4	+6	148	3683	+387
Berea	0.00	17.48	2.27	-7.02	-1.44	91	48	72.4	+7	152	3699	+287
Bowling Green	0.00	14.39	1.61	-10.14	-1.81	94	50	73.4	+7	152	3918	+476
Bristol	0.21	11.05	0.30	-9.68	-2.71	87	65	76.0	+11	175	3473	+299
Buckhorn Lake	0.00	12.25	0.92	-11.06	-2.47	92	50	72.7	+7	150	3692	+694
Cape Girardeau	0.00	13.44	2.86	-9.42	-0.44	92	53	73.3	+5	151	3749	+153
Campbellsville	0.00	21.71	2.02	-5.88	-2.27	93	49	71.1	+5	141	3699	+317
Covington	0.00	8.76	0.37	-12.91	-2.38	92	50	73.5	+8	152	3580	+458
Cumberland Gap	0.00	14.90	0.89	-10.21	-2.17	92	50	72.7	+7	150	3692	+548
Dix Dam	0.00	15.84	0.84	-8.26	-2.40	92	49	72.6	+7	150	3641	+291
Evansville	0.00	12.71	0.78	-8.98	-2.00	94	51	74.6	+6	155	3771	+328
Glasgow	0.00	21.21	2.37	-5.32	-1.26	95	49	73.2	+7	151	3847	+495
Grayson	0.00	17.15	3.70	-5.30	+0.99	92	46	71.5	+6	143	3553	+585
Hardinsburg	0.00	18.83	2.80	-5.49	-0.61	91	46	74.4	+8	165	3856	+391
Henderson	0.00	18.08	2.76	-4.43	-0.40	92	52	73.6	+5	156	3716	+243
Huntington	0.00	10.42	0.82	-12.16	-1.96	92	45	71.4	+6	143	3519	+367
Jackson	0.00	14.31	2.11	-10.05	-1.24	90	50	72.4	+7	152	3623	+625
Lexington	0.00	18.55	1.53	-4.84	-1.56	92	50	72.4	+7	148	3595	+420
London	0.00	13.73	0.51	-8.81	-2.69	95	48	71.9	+6	145	3642	+521
Louisville	0.00	16.90	1.40	-5.88	-1.59	92	50	73.6	+7	157	3657	+183
Mayfield	0.00	9.74	2.07	-15.05	-1.59	92	50	72.7	+4	150	3697	+171
Nashville	0.91	11.64	2.74	-11.22	-0.43	84	67	75.5	+9	175	4121	+418
Nolin Lake	0.00	19.31	2.59	-6.66	-1.25	93	48	73.6	+7	156	3882	+677
Paducah	0.00	15.32	1.78	-9.04	-1.59	95	54	74.9	+6	156	3869	+304
Princeton	0.00	15.85	2.85	-8.61	-0.35	95	41	72.9	+4	152	3926	+369
Quicksand	0.00	14.00	2.11	-10.36	-1.24	92	50	72.7	+7	150	3696	+698
Somerset	0.00	15.71	1.86	-9.83	-1.84	92	48	67.9	+2	122	3472	+237
Spindletop	0.00	16.79	1.08	-6.60	-2.01	91	48	72.6	+7	152	3531	+356
Williamstown	0.00	16.79	0.33	-6.25	-2.72	91	50	73.2	+8	151	3593	+418

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/>

# SOYBEANS FOR BEANS - Usual Start of Harvesting, Principal Areas in the United States



## CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 16, 2007

CORN HARVESTED				
State	Curr	Last Wk	2006	Avg
CO	2	0	3	1
IL	25	12	5	7
IN	12	5	3	4
IA	4	2	3	3
KS	33	18	29	27
KY	53	35	27	33
MI	2	0	1	2
MN	3	0	1	1
MO	45	29	42	37
NE	4	2	3	4
NC	70	47	44	50
ND	0	0	2	1
OH	0	0	0	1
PA	11	6	9	11
SD	2	0	3	2
TN	86	73	54	50
TX	70	65	70	67
WI	1	0	0	1
18 States	14	8	8	9

These 18 States planted 95% of last year's corn acreage.

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	2006	Avg
AR	45	36	50	37
IL	59	35	29	41
IN	64	41	31	50
IA	54	25	52	53
KS	40	28	42	45
KY	50	19	27	28
LA	78	72	82	62
MI	26	7	32	34
MN	81	45	62	53
MS	84	73	92	81
MO	28	15	29	29
NE	28	7	31	40
NC	19	16	17	15
ND	74	45	87	57
OH	55	28	41	47
SD	61	42	62	67
TN	72	61	50	40
WI	41	14	31	39
18 States	55	32	45	47

These 18 States planted 96% of last year's soybean 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.