



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared 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, State Statistician*

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**AGRICULTURAL NEWS:** Slightly above normal temperatures and above normal rainfall prevailed throughout most of the State. Rainy weather was the story for most of the week, with the warm humid weather giving way to showers on Wednesday, and cooler weather leading into the weekend. The temperature averaged 68 degrees for the week 2 degree above normal. Precipitation averaged 1.3 inches for the week which was 0.5 inches above normal. **Topsoil moisture**, as of Friday, September 22 was rated 6 percent very short, 24 percent short, 63 percent adequate, and 7 percent surplus. **Subsoil moisture**, was rated 12 percent very short, 28 percent short, 57 percent adequate, and 3 percent surplus. **Days suitable for fieldwork** averaged 5.4 out of a possible 6 days. Primary farming activities included cutting and housing tobacco, harvesting corn and soybeans, sowing cover crops, and baling hay.

**TOBACCO:** As of Sunday, September 24, **burley tobacco** was 91 percent cut. This compares with 93 percent in 1999, and 82 percent for the five year average. **Dark tobacco** was 90 percent cut as of Sunday, September 24, this compares with 92 percent in 1999, and 87 percent for the five year average. The housed tobacco continues to cure well, although some tobacco growers are concerned with curing too quick. Many producers reported excellent color on the housed tobacco. Condition of the

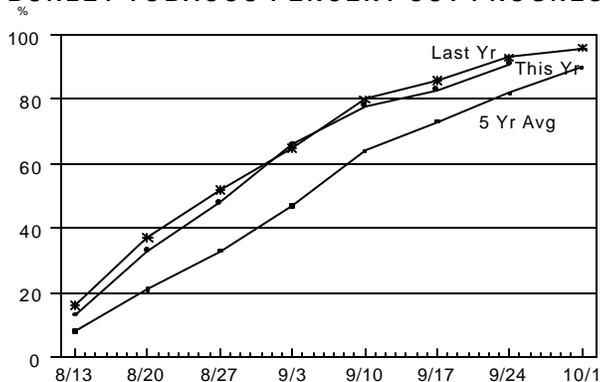
tobacco was reported as 1 percent very poor, 5 percent poor, 23 percent fair, 55 percent good, and 16 percent in excellent condition.

**CORN:** As of September 24, 96 percent of the corn crop was mature, compared to 99 percent last year and 82 percent for the five year average. Fifty percent of the corn crop was harvested as of Sunday September 24. This compares to 80 percent the previous year, and 45 percent for the five-year average. Many producers in the western areas of the State report corn harvesting is complete.

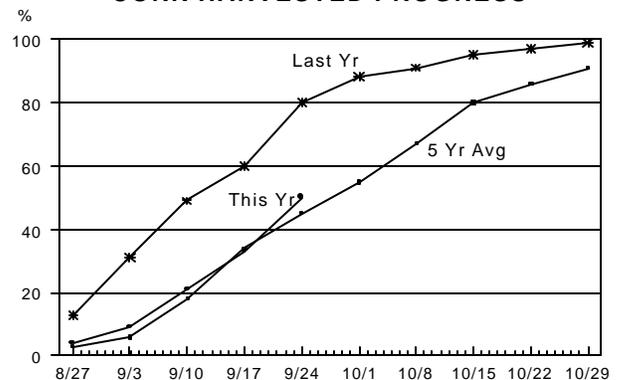
**SOYBEANS:** The soybean crop continues to advance, with harvest beginning. The condition of the crop last week was rated 1 percent very poor, 2 percent poor, 26 percent fair, 48 percent good, and 23 percent excellent. Fifty-four percent of the soybean crop was shedding leaves compared to 76 percent last year, and 45 percent on average. Five percent of the State's soybeans are harvested. This compares to 20 percent last season, and 6 percent for the 5 year average.

**OTHER CROPS:** **Pasture** condition was rated as 2 percent very poor, 6 percent poor, 24 percent fair, 58 percent good, and 10 percent excellent. Kentucky farmers report localized areas where hay is not plentiful; however, most of the State's livestock growers have hay supplies in excess of their livestock feeding needs.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 24, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	54	76	45	41	66
Harvested	5	20	6	0	7
Corn					
Mature	96	99	82	87	67
Harvested	50	80	45	33	15
Burley Tobacco Cut	91	93	82	83	NA
Dark Tobacco Cut	90	92	87	78	NA

(NA) Data Not Available.

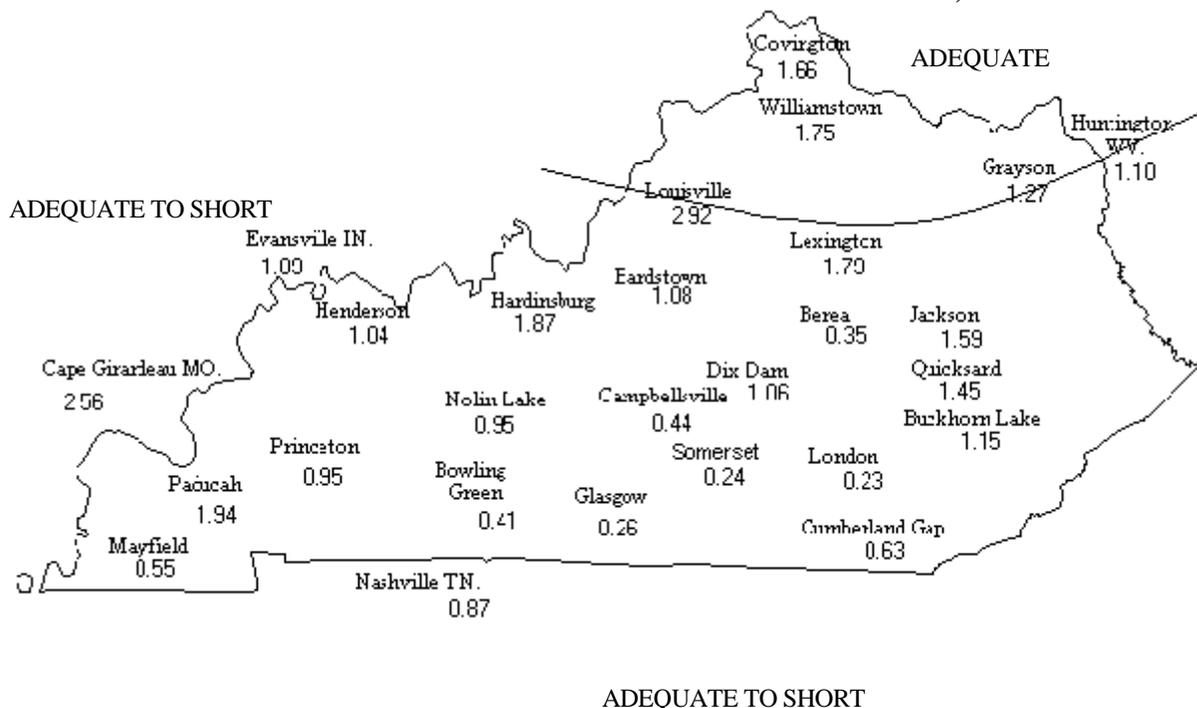
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 22, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	6	2
Short	24	17
Adequate	63	70
Surplus	7	11
<b>SUBSOIL</b>		
Very Short	12	6
Short	28	22
Adequate	57	66
Surplus	3	6

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 22, 2000					WEEK ENDING SEPTEMBER 15, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	1	2	26	48	23	0	3	28	43	26
Pasture	2	6	24	58	10	1	7	23	53	16
Housed Tobacco	1	5	23	55	16	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 24, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 22, 2000**



# **KENTUCKY WEATHER SUMMARY, SEPTEMBER 18 - 24, 2000:**

## **ABOVE NORMAL TEMPERATURES AND RAINFALL:**

Rain, Rain, Rain was the story for the latter part of the work week. The scattered rain showers began on Wednesday in parts of the State and continued through the weekend where rain was almost a constant for most of Kentucky. This rain was good news for Central and Western Kentucky which was still under Mild hydrological drought conditions. The rain also brought in cooler temperatures across the State over the weekend.

Temperatures for the period averaged 68 degrees across the State which was 2 degrees ABOVE NORMAL. High temperatures averaged from 82 in the West to 78 in the East. Departure from normal high temperatures ranged from 3 degrees ABOVE NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Low temperatures averaged from 57 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from NEAR NORMAL in the West to 2 degrees ABOVE NORMAL in the East. On Sept. 16th the Palmer Drought Severity Index indicated that the Central region improved to MILD hydrological drought conditions with West remaining in this same category. Bluegrass increased to NEAR NORMAL conditions with East remaining on the moist side but decreasing to INCIPIENT MOIST SPELL category. The Crop Moisture Index continued to indicate adequate short-term moisture for agricultural purposes. Rainfall for the period totaled 1.26 inches statewide which was 0.45 inches ABOVE NORMAL. Precipitation totals by climate division, West 1.36 inches, Central 1.25 inches, Bluegrass 1.47 inches and East 0.96 inches, which was 0.54, 0.40, 0.69 and 0.18 inches respectively ABOVE NORMAL. By station, precipitation totals ranged from a low of 0.23 inches at London to a high of 2.92 inches at Louisville.

Tom Priddy

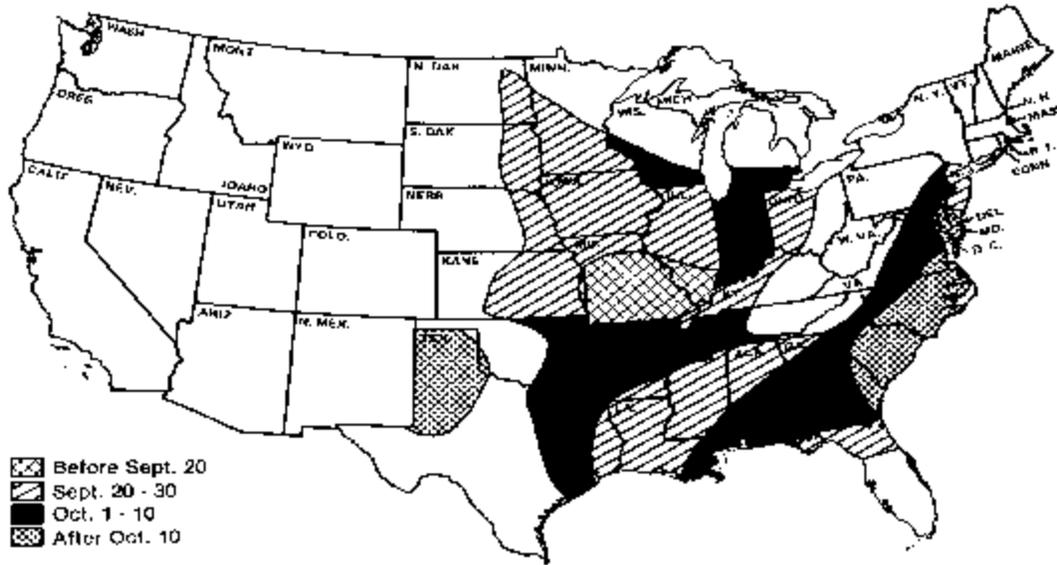
## **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, SEPTEMBER 24, 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	1.08	19.61	2.40	-3.89	-0.67	86	48	69.6	+4	136	3485	+171
Berea	0.35	25.63	0.79	+1.00	-2.92	85	44	66.4	+2	116	3370	-61
Bowling Green	0.41	20.10	2.57	-4.56	-0.86	89	46	70.0	+4	138	3650	+189
Bristol	0.96	20.60	1.23	-0.24	-1.79	86	46	67.2	+2	121	3268	+76
Buckhorn Lake	1.15	29.52	2.32	+6.09	-1.08	83	50	67.7	+3	102	3373	+358
Cape Girardeau	2.56	16.81	3.39	-6.17	+0.08	90	44	69.1	+1	134	3620	+5
Campbellsville	0.44	26.51	1.79	-1.23	-2.51	87	46	69.4	+4	137	3579	+178
Covington	1.66	22.86	2.82	+1.10	+0.08	82	46	65.3	+0	108	3160	+21
Cumberland Gap	0.63	20.95	0.74	-4.26	-2.28	87	45	68.2	+3	130	3537	+375
Dix Dam	1.06	22.11	2.27	-2.11	-0.96	85	47	67.9	+3	125	3395	+26
Evansville	1.09	24.26	3.81	+2.47	+1.03	87	48	67.9	+0	124	3500	+38
Glasgow	0.26	23.71	1.81	-2.95	-1.82	89	45	70.0	+4	139	3721	+350
Grayson	1.27	24.80	3.63	+2.26	+0.95	85	48	66.4	+2	115	3278	+293
Hardinsburg	1.87	22.30	3.08	-2.14	-0.33	87	50	69.4	+4	134	3634	+149
Henderson	1.04	22.40	3.25	-0.23	+0.07	88	47	69.6	+2	138	3677	+185
Huntington	1.10	23.72	3.11	+1.05	+0.36	85	46	65.7	+1	112	3255	+86
Jackson	1.59	30.72	3.69	+6.24	+0.36	82	52	67.6	+3	121	3299	+284
Lexington	1.79	22.86	4.24	-0.64	+1.17	85	48	67.7	+3	124	3343	+150
London	0.23	20.18	0.47	-2.47	-2.74	85	48	67.4	+3	121	3344	+206
Louisville	2.92	23.72	3.95	+0.83	+0.97	86	49	68.1	+2	126	3517	+24
Mayfield	0.55	15.50	2.93	-9.43	-0.74	87	48	69.2	+1	133	3581	+35
Nashville	0.87	21.10	1.06	-1.88	-2.11	89	50	71.7	+6	148	3904	+180
Nolin Lake	0.95	21.54	2.64	-4.57	-1.22	88	48	69.7	+4	135	3642	+419
Paducah	1.94	22.01	2.97	-2.47	-0.41	90	46	70.0	+2	137	3733	+149
Princeton	0.95	23.67	3.36	-0.90	+0.18	90	48	72.4	+5	151	3892	+315
Quicksand	1.45	34.55	2.99	+10.07	-0.34	82	52	67.6	+3	101	3369	+354
Somerset	0.24	28.87	1.01	+3.20	-2.70	86	45	68.6	+4	134	3502	+249
Spindletop	2.18	21.83	4.67	-1.67	+1.60	84	47	66.8	+2	117	3273	+80
Williamstown	1.75	24.19	3.01	+1.05	-0.02	83	51	67.1	+2	118	3376	+183

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.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 17, 2000

CORN HARVESTED				
State	Curr	Last Wk	1999	Avg
CO	4	0	0	0
IL	13	4	11	5
IN	7	4	12	5
IA	10	3	3	3
KS	61	35	20	16
KY	33	21	60	34
MI	0	0	5	2
MN	2	0	1	1
MO	48	28	38	25
NE	18	6	3	2
NC	35	10	41	50
ND	0	0	0	1
OH	1	0	6	3
PA	2	1	10	6
SD	2	0	1	1
TN	66	49	85	52
TX	72	60	64	66
WI	0	0	2	1
18 States	15	7	11	7

These 18 States harvested 94% of last year's corn acreage.

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	1999	Avg
AR	33	20	21	17
IL	62	33	51	31
IN	72	52	77	53
IA	82	39	29	32
KS	90	85	40	42
KY	41	17	65	31
LA	79	67	58	54
MI	25	4	55	38
MN	76	29	41	46
MS	81	34	75	57
MO	57	31	35	24
NE	76	41	28	28
NC	17	10	15	14
ND	77	36	35	55
OH	57	29	79	49
SD	83	41	44	56
TN	33	22	41	26
WI	38	16	48	34
18 States	66	36	45	37

These 18 States planted 95% 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, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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